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JOHNSON'S Garden & Farm Manual

U.S. Dept. of Agriculture

JOHNSON'S HOLYROOD LETTUCE

1910

JOHNSON SEED CO.

217 MARKET ST PHILADELPHIA.

INDEX to Johnson's Garden and Farm Manual for 1910

PAGES

Directions for Ordering . . 3
Novelties and Specialties in Vegetables . . . 4 to 18
Vegetable Seeds—General List . . . . . 20 to 54
Johnson Quality Standards . . 19
Farm Seeds, Field Corn, Grain, etc. . . . . 56 to 59
Fodder Plants, Millets . 59 to 61
Grass and Clover Seeds, 62 and 63
Lawn Grass Seeds . . . 15 and 62
Flower Seed Novelties . . 64 to 66
Flower Seeds—General . 67 to 81
Johnson's Leaflet Essays Free, 55
Books for Farm and Garden 55
Incubators and Brooders, 88 to 91
Poultry and Bee Supplies, Implements, etc. . . . . 87 to 96

Vegetable Seeds.

PAGE

Artichoke, Roots 61
Asparagus 20
" Roots 20
Beans, Bush, Green-Pod . 21
Beans, Bush, Wax-Pod . . 21
Beans, for Shelling . . 22
Beans, Bush Limas . . . 5, 22
" Pole Limas 23
" Pole 22
Beets, Garden 24
" Sugar 25
" Mangel Wurzels . . 25
Brussels Sprouts 28
Cabbage, Early . . . 6, 26, 27
" Late 28
Carrots 29
Cauliflower 29
Celery 8, 30, 31
Chervil 54
Chicory 34, 54
Chives 31
Collards 31
Corn Salad 31
" Sweet or Sugar . . 32
" Field 56, 57
" Pop 32
Cress 31
Cucumber 33
Dandelion 34
Egg Plant 10, 34
Endive 34
Garlic 35
Gourds 34
Herbs 54
Horse Radish 35
Kale or Borecole 35
Kohl-Rabi 35
Leek 35
Lettuce 10, 36, 37
Marjoram, Sweet 54
Martynia 41
Melons, Musk . . . 11, 12, 38
" Water . . . 12, 39, 40
Mushroom Spawn 40
Mustard 41
Nasturtium 41
Okra or Gombo 41
Onion, American . 13, 42, 43
" Foreign 43
Onion, Sets 43
Parsley 46
Parsnip 46
Peanut 61
Peas, Early 44
" Main Crop . . . 14, 45
Peppers 13, 46
Potatoes, White 47
" Sweet 47
Pumpkins 48
Radish 14, 49, 50
Rhubarb 50
" Roots 50
Ruta Bagas, or Swedes . . 54
Sage 54
Salsify 50
Sorrel 54
Spinach 50
Squash 51
Thyme 54
Tobacco 61
Tomato . . . 15, 16, 17, 52, 53
" Jack Rose 15, 52
" Sparks' Earliana, 17, 53
Turnips and Ruta Bagas . 54

Lawn Grass Seed . 18, 62

Permanent Pasture Grass Mixtures

PAGE . . . 63

Farm Seeds.

Artichoke Roots 59
Barley 59
Bean, Soja 60
Broom Corn 61
Buckwheat 59
Clovers 63
Corn, Field 56, 57
" Kaffir 59
Fruit Tree Seeds 61
Grasses 62, 63
Millets 59
Oats 58
Peas, Cow 60
" Canada Field 60
Rape, Dwarf Essex 60
Speltz or Emmer 59
Spring Rye 59
Spring Wheat 59
Sugar Cane 60
Sunflower 61
Teosinte 61
Vetches 60
Wild Rice 61

Flower Seeds.

Abronia 67
Abutilon 67
Acroclinum 67
Adlumia 67
Ageratum 67
Alyssum 67
Amaranthus 67
Ampelopsis 67
Antirrhinum 67
Aquilegia 67
Arctotis Grandis 67
Asters 64, 65, 68
Balloon Vine 69
Balsams 69
Balsam Apple and Pear . . 75
Begonia 69
Bellis. See Daisy 72
Calceolaria 69
Calendula 69
Campanula 69
Canary-Bird Flower, 69, 79, 81
Candytuft 69
Cannas 69
Carnations 70
Castor-Oil Plant 79
Celosia 70
Centaurea 70
Chrysanthemums 70
Cineraria 71
Clarkia 71
Clematis 71
Cleome 71
Cobœa Scandens 71
Cockscomb 70
Columbine 67
Coreopsis 71
Cornflower 81
Cosmos 66, 71
Crotolaria 71
Cyclamen 71
Cypress Vine 72
Dahlias 72
Daisy 72
Datura 72
Delphinium 72
Dianthus 72
Digitalis 73

Flower Seeds—Con.

PAGE

Dolichos 73
Edelweiss 73
Eschscholtzia 73
Evening Primrose 73
Everlasting Flowers . . . 73
Forget-me-nots 75
Four-O'Clocks 75
Gaillardia 73
Geranium 73
Gloxinias 73
Godetia 73
Gourds 34, 73
Grasses 73, 74
Grevillea 74
Gypsophila 74
Helianthus 81
Heliotrope 74
Hibiscus 74
Hollyhocks 74
Humulus 74
Ipomœa 75
Kenilworth Ivy 74
Lantana 74
Larkspur 74
Lathyrus 74
Lobelias 74
Lychnis 75
Marigolds 75
Marvel of Peru 75
Mesembryanthemum . . . 75
Mignonette 75
Mimulus 75
Moonflowers 75
Morning Glories 75
Myosotis 75
Nasturtiums 76
Pansies 77
Petunias 78
Phloxes 66, 78
Pinks 72
Poppies 78
Portulaca 79
Primula 79
Pyrethrum 79
Ricinus 79
Salpiglossis 79
Salvia 79
Sensitive Plant 81
Smilax 81
Stocks 81
Stokesia Cyanea 81
Sunflowers 81
Sweet Peas 80
Sweet William 81
Thunbergia 81
Tropæolum 81
Verbenas 81
Violet 81
Wallflower 81
Wild Flower Garden . . . 66
Zinnias 81

Plants.

Ampelopsis Veitchii . . . 67
California Privet 86
Fern Balls 82
Moonflower 75
Roses 85
Strawberries 86

Bulbs.

Begonias, Tuberous Rooted 82
Caladiums 82

Bulbs—Con.

PAGE

Cannas 82
Cycas Stems 82
Dahlias 83
Gladioli 82
Gloxinias 82
Lilies 84
Lily of the Valley 84
Pæonies 84

Miscellaneous.

Bee Supplies 87
Books 55
Brooders (Cyphers) 90
Dairy Supplies 87
Essays, Leaflet 55
Fertilizers 92
Incubators (Cyphers) . 88, 89
Insecticides 92
Peach Pits 61
Poultry Foods 91
Scale Destroyer 92
Twine, Raphia, etc. . . 94, 95

Implements.

Asparagus Buncher 94
Churns 87
Cider Mills 94
Corn Planters and Shellers 94
Cultivators . . 96, 3d cover
Cutters 87
Dibbles 94
Drills . . . . . 94, 3d cover
Flower Pots 94
Forks 94
Garden Tools 94, 95
Glazing Points 94
Harrows . . . . 96, 3d cover
Hoes . . . . . 96, 3d cover
Horse Radish Graters . . . 94
Hose 94
Hot Bed Mats 94
Iron Age Tools 96
Knives 94
Labels 94
Mastica and Machines . . 94
Planet Jr. Tools . . 3d cover
Plant Bed Cloth 94
Plows . . . . . 87, 3d cover
Pruners 94
Pumps 93
Rakes 94
Reels and Lines 94
Root Cutters 87
Sash, Hot Bed 94
Saws and Scissors 94
Scythes and Shears 94
Seed Sowers 94
Shovels 95
Sickles 95
Sieves 95
Spades 95
Sprayers 93
Thermometers 87
Traps 95
Trowels 95
Twines 95
Water Pots 95
Water Barrel and Truck . 95
Weeders 95
Wheelbarrows 95
Wine and Berry Presses . 94

ADDRESS ALL ORDERS, CORRESPONDENCE, ETC., TO

JOHNSON SEED COMPANY

217 MARKET STREET PHILADELPHIA, PA.

Order Sheet for STANDARD Seeds, Bulbs, Roots, Plants, Etc.

To JOHNSON SEED COMPANY

Nos. 217 Market Street and 206 Church Street, PHILADELPHIA, PA.

DIRECTIONS FOR ORDERING

SEEDS, POSTAGE PAID BY MAIL

At prices given in this Manual, we send all **Vegetable Seeds** by the packet, ounce, quarter-pound and pound, and all **Flower Seeds, by Mail, postage prepaid,** without any extra expense to the purchaser. If you order Vegetable Seeds by the pound, to be sent by freight or express, at your expense, you are entitled to deduct 10 cents per pound from our prices. On Beans, Sweet Corn and Peas, by the pint and quart, we quote prices both ways, by mail, postage paid, and by freight or express, so that they can be ordered sent either way as desired.

Large buyers by freight should read our special offer on page 3.

In ordering **Flower Seeds,** it is unnecessary to write the names, but merely to put down the quantity wanted and the catalogue number.

A Complete Index of this catalogue will be found on second cover page, opposite page 1.

We guarantee all shipments of Seeds, Bulbs, Plants, Implements, Poultry Supplies, etc., shall reach the purchaser safely and in good condition.

Extra Order Sheets and Return Envelopes furnished on application.

HOW TO SEND MONEY

CASH SHOULD ACCOMPANY THE ORDER

We will be responsible for money sent to us by **P. O. Order, Express Money Order, Bank Draft, Express, or by Registered Letter.** Every postmaster is required to register any letter on payment of 8 cents extra postage. The cost of remitting may, on all orders over $1.00, be deducted from amount sent.

Amounts of $1.00 or less may be sent by ordinary letter.

While we take all possible pains to supply only new, genuine and unadulterated seeds of the best quality that can be produced for planting, as experienced seedsmen and growers we recognize the fact that success depends so largely upon conditions of soil and climate, which are beyond human control, and for which reasons no honest seedsman could assume responsibility for the crop; therefore, in common with other responsible houses, we sell our goods subject to the following disclaimer:

Johnson Seed Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.—J. S. Co.

FORWARD BY {State on this line whether wanted by Mail, Express or Freight.} .....

YOUR NAME, ...

POST-OFFICE, ...

COUNTY, ...

Street or P. O. Box, (if any) .....

R. F. D. Number, (if any) ..... *STATE,* .....

EXPRESS OR FREIGHT STATION, ... *Is there an Agent at Station?* .....

PLEASE WRITE YOUR ADDRESS PLAINLY and in full, above, also give us your former address if an old customer, and you have moved or made a change. Please keep your order separate from other matters you may write about. This enables us to fill orders more rapidly, and your inquiries will receive more prompt attention.

Amount Enclosed.

Post-Office Money Order, $ .....

Express Money Order, ...

Bank Draft, ...

Cash, Notes and Silver, ...

Postage Stamps, ... (2c. stamps preferred.)

Total, $ .....

DATE, ... 1910

Bushels.	Quarts.	Pints.	Pounds.	Ounces.	Packets.	NAMES OF SEEDS AND OTHER ARTICLES WANTED	PRICE. DOLLARS.	CENTS.

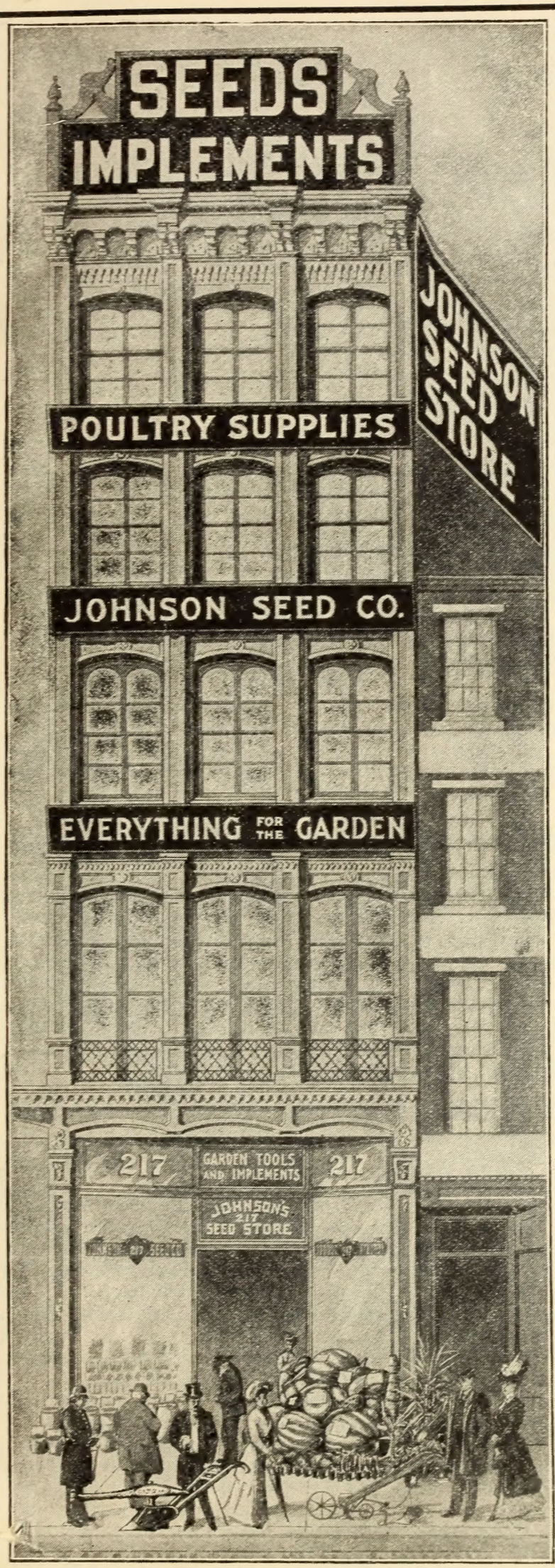
Bushels.	Quarts.	Pints.	Pounds.	Ounces.	Packets.	NAMES OF SEEDS AND OTHER ARTICLES WANTED	PRICE. DOLLARS.	PRICE. CENTS.
						AMOUNT BROUGHT FORWARD,		

☞ All orders for potatoes, plants and other perishable goods are carefully booked on receipt, and filled in rotation as soon as weather permits. If shipped early, they are at buyer's risk.

QUANTITY.	NAMES OF BULBS, ROOTS, IMPLEMENTS, POULTRY SUPPLIES, ETC., WANTED.		

SPECIAL NOTICE: We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Market Gardeners or Truck Farmers among your acquaintances. We wish to send them our MANUAL.

NAMES	POST-OFFICE	STATE



OUR RETAIL STORE, 217 MARKET ST.

Located on the principal business street of Philadelphia, and extending through the block to No. 206 Church St. One of the most complete modern seed warehouses in America, fully equipped and up-to-date as to fixtures and other facilities, and with a thorough organization for the prompt and accurate execution of orders. When in town, call and inspect it. We shall be glad to see you at any time.

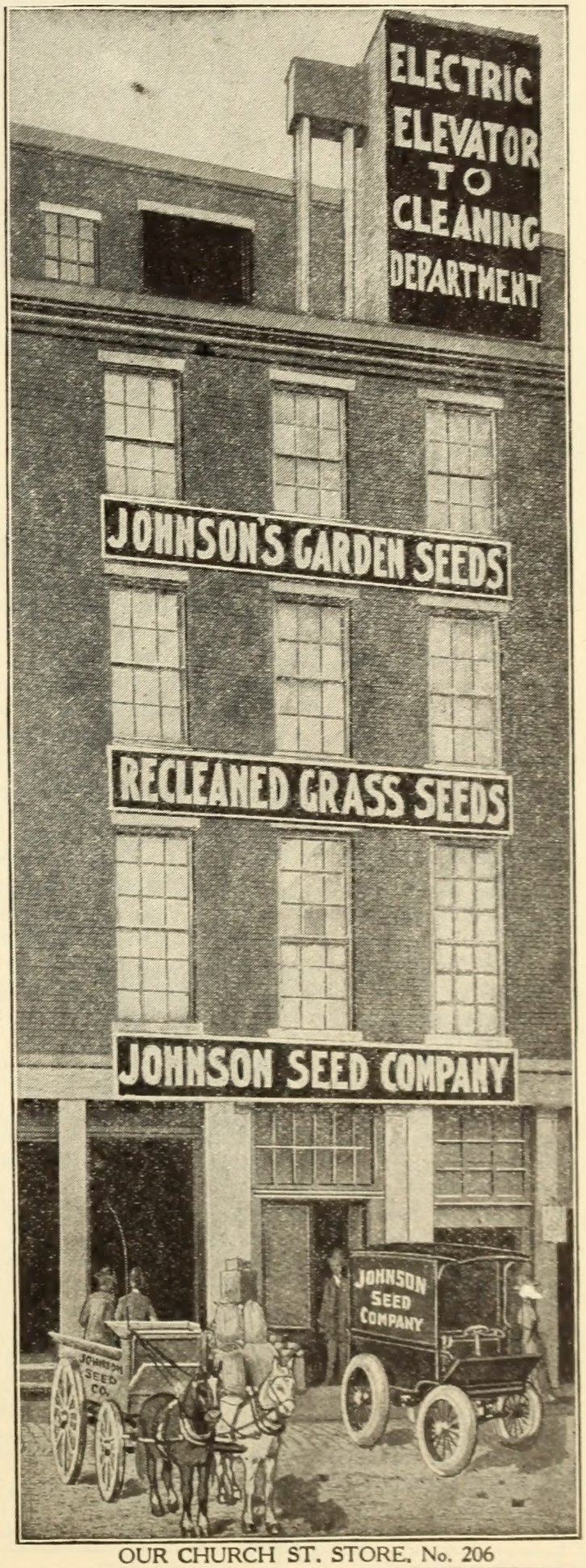
A FEW "POINTERS"

In this GARDEN AND FARM MANUAL, we have, as is our custom, given strictly:

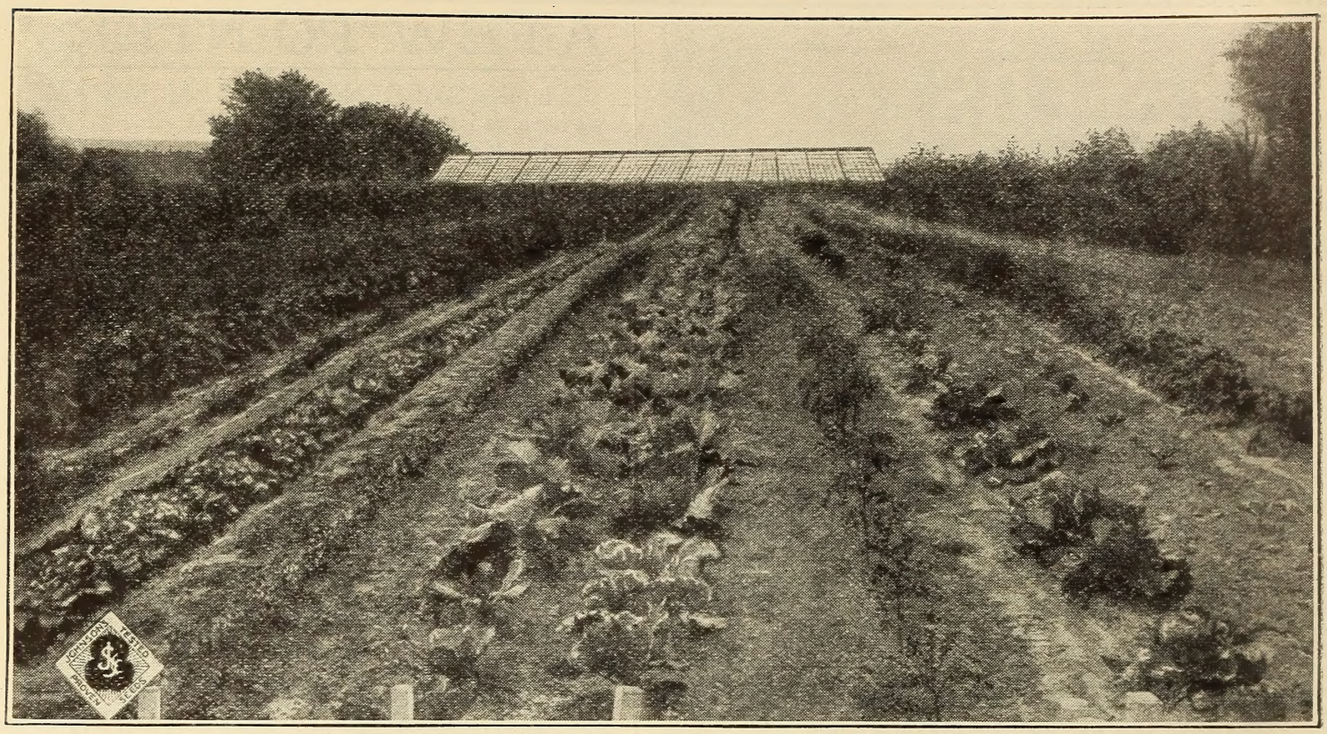
1. HONEST DESCRIPTIONS. Avoiding exaggeration, we tell simply the exact truth—just what we know from observation—about the varieties described.

2. HONEST ILLUSTRATIONS. Trusting entirely to photographic reproduction, our cuts can, in every particular, be relied upon to show you the exact results of planting "JOHNSON'S TESTED AND PROVEN SEEDS."

3. HONEST PRICES. As low as is consistent with first-class quality, without which no garden can be successful.



OUR CHURCH ST. STORE, No. 206



Photograph of a small section of our Trial Grounds, taken in August, showing vegetable trials

To Our Friends and Customers:

IN presenting **our Garden and Farm Manual for 1910,** we wish first to express our thanks to the thousands of customers for their generous patronage, which we have enjoyed in the past, and to assure them that we will use our best endeavors to merit a continuance of their good-will and orders in the years to come. Many, no doubt, dislike to order but a few packets of seed which may be wanted, but we would like to emphasize the fact that we solicit the orders of all buyers, no matter how small or how large.

Johnson's Seeds Are Ever a Source of Confidence and Satisfaction

The seed business differs from nearly all others, from the fact that after the seeds are sown, weeks and often months must elapse before their real value is known, and for this reason the exchange of seeds between buyer and seller must ever be entirely a matter of confidence, and that confidence, we believe, can only be lastingly held by such seed firms as test their seeds before selling, and who have the practical experience to accurately determine when they are right. The practical experience of the writer (Herbert W. Johnson), who was the active head of the late firm of Johnson & Stokes during its entire existence, and who has now had thirty-seven years' experience dealing with market gardeners and critical growers, forcibly impresses upon us the fact that the best is none too good for those who depend upon profitable crops to reimburse them for the large outlay of time and money, and we assure all, our old as well as prospective customers, that there are no better seeds procurable than are being sold by us to-day.

WE DELIVER, FREE BY MAIL, ANYWHERE IN THE UNITED STATES

The **U. S. Mail** and its thousands of Rural Free Delivery Carriers, over this whole country, bring our Seed Store to every farmer's door, as we deliver, postage paid, all vegetable and flower seeds offered in this catalogue by the packet, ounce, quarter pound and pound.

Customers ordering these seeds by the pound, to be sent by freight or express, may deduct postage at the rate of 10 cents per pound, except where noted. When sent in this way, the purchaser pays the freight or express charges on receipt of seed. Purchaser pays express and freight charges also on pecks, bushels and barrels, and on Potatoes, Grass, Clover and Farm Seeds, Implements, Incubators, Brooders, Poultry Foods, Supplies, etc., except where the order reaches $15.00, as per our special offer on next page.

WHEN POSSIBLE USE ORDER SHEET opposite page 1, which can be easily detached from book at perforated line, and which also contains full directions for ordering.

REMIT AMOUNT WITH ORDER.—Money can be sent safely by post-office money order, express money order, bank draft or check. We will hold ourselves responsible for money sent in this way.

CASH.—Notes, silver or postage stamps may also be sent at our risk and expense by registering your letter; registration fee (8 cents) may be deducted from amount sent on orders of $1.00 and over.

WE GUARANTEE all shipments to reach the purchaser safely and **in good condition.**

LIBERAL PREMIUMS.—Fifty cents' worth of seeds extra for each $1.00 sent us for seeds in packets. Thus, any one sending us $1.00 can select seeds in packets to the value of $1.50; for $2.00, to the value of $3.00; for $3.00, to the value of $4.50; for $5.00, to the value of $7.50, and so on.

Twenty-five cents' worth of seeds extra allowed for each $1.00 sent us for seeds by the ounce; that is, $1.00 buys seeds by the ounce to the value of $1.25; $2.00 buys seeds by the ounce to the value of $2.50; $5.00 buys seeds by the ounce to the value of $6.25; $10.00 buys seeds by the ounce to the value of $12.50. Our packets are large size and liberally filled with seed and with full cultural directions printed thereon.

PLEASE NOTE	The above liberal premiums apply **only to orders for flower and vegetable seeds in packets or ounces,** and do not include seeds by weight (¼ lb. and over) or measure (pints, quarts, etc.), or collections, or bulbs and plants; nor can it be applied to orders sent at different times during the season.

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Rhode Island
South Carolina
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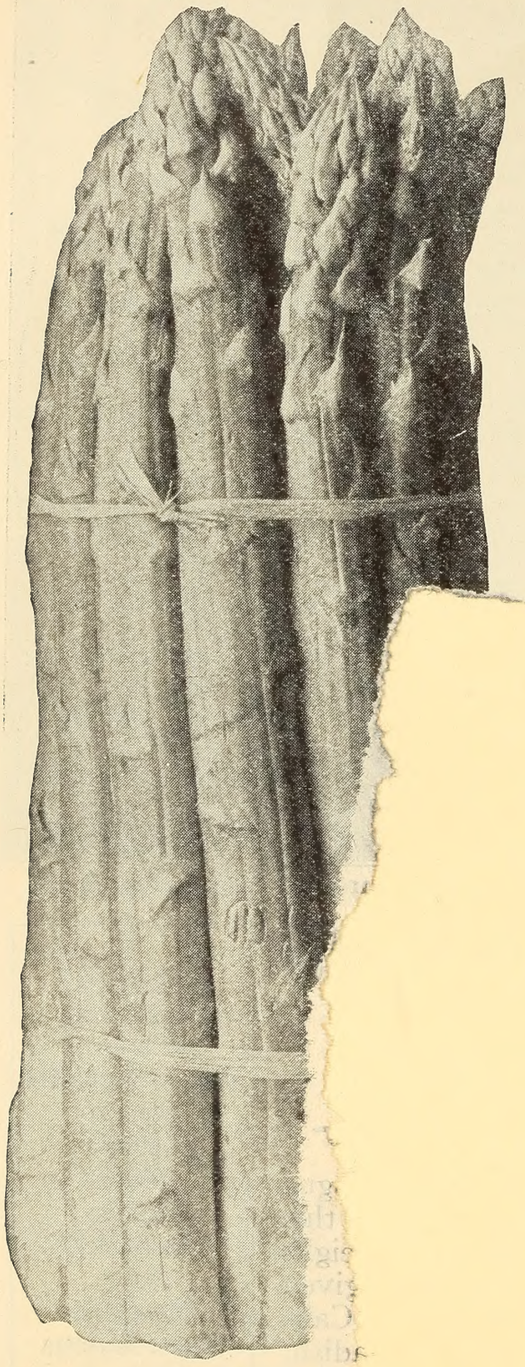
Novelties and Specialties in Vegetables



STARKEY'S MAMMOTH PROL

NEW ASPA

STARKEY'S MAMMO

Originated and sele
Philadelphia's most su
gardeners, who, for a few
sent the largest and hands
to this market, realizing
Stalks are very large, t
and distinct bright green
measure 1 to 2 inches i
have been known to wei
Mr. Starkey is a high c
usually one of the first
Seed, pkt., 10c.; oz., 20
lb., $1.75. Roots, 1 yea
100, postpaid; by expres
$6.25 per 1000; 2 yea
$1.40; 500 for $4.50;

This is an age of progress, and there will always be desirable new varieties as well as improvements on old ones. We are, however, very careful to offer only **novelties of real merit,** after thorough trial, and which we think it will pay our customers to plant.

A New Pole Lima Bean—Seed Now Offered for the First

Carpinteria Green Seeded Large Lima

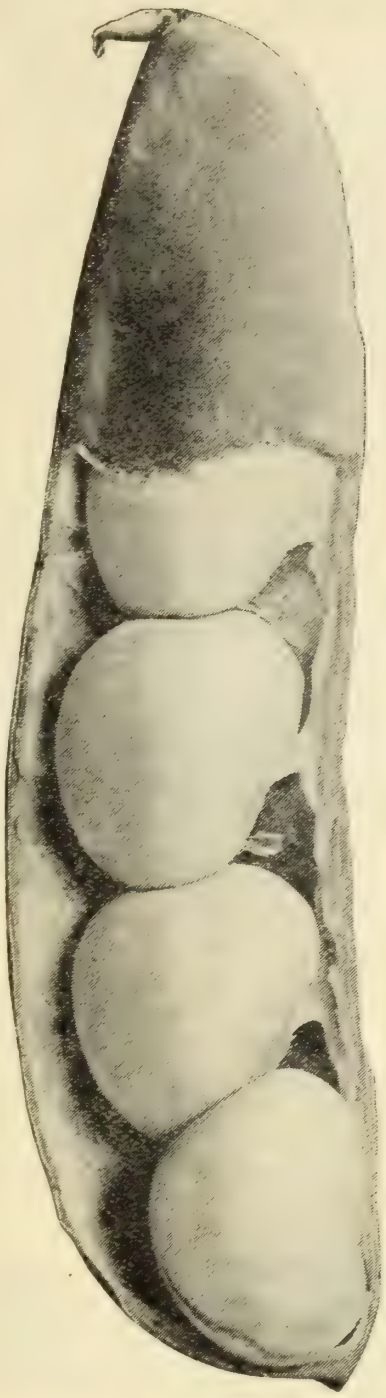
These beans are the product of two vines which appeared in 1906 in a crop of the new Burpee's Improved Bush Lima, on the seed farm of the originator, our friend, Henry Fish, and one of the largest seed Lima Bean growers in this country, and who says it is the most perfect Pole Lima Bean.

Their superiority and **wonderful productiveness** attracted his attention, and they were saved for stock seed.

The vine is very strong, of vigorous growth, with many large branches or runners, as shown in our photograph below, and produce a great many fine pods, which are closely filled with very large, broad seeded and plump, thick, perfect beans.

The green tint is retained in the dry state to a greater extent than any other, indicating the fine qualities it possesses, being fine flavored and more tender when cooked than

NEW FORDHOOK BUSH LIMA BEAN



PHOTOGRAPH OF POD, 5½ INCHES LONG, OF THE UNIQUE FORDHOOK BUSH LIMA.

The only stiffly erect Bush form of the Potato Lima! Both pods and beans are twice the size of Dreer's and more than half again as large as the Challenger Pole Lima.

FORDHOOK BUSH LIMA is altogether unique. Nothing like it has ever been seen before! It was created by Nature as a single sport in a field of the Challenger Pole Lima in 1903. Until now the Kumerle or Dreer's Bush Lima has been the only dwarf form of the fat "Potato Lima." An objection to this, however, is found in the prostrate growth of the plant, the pods frequently becoming discolored from being beaten to the ground by wind or rain.

FORDHOOK BUSH LIMA is positively upright in growth. The strong, erect bushes withstand both whipping rains and high winds. The main stalk is stiffly erect, from two to two and one-half feet high, and from this is thrown out a great number of lateral branches, closely resembling Burpee's Bush Lima in this habit of growth. The foliage is much heavier than Dreer's; the leaf is broader, resembling that of a large Pole Lima, of heavy texture and dark green in color, while the pods are borne along stalks thrown out from the lateral and main stalks in "clusters" of from four to eight. The pods resemble Dreer's, but are much larger, measuring from four to five and one-half inches long, one and one-eighth to one and one-quarter inches wide, by as much as three-quarters of an inch thick.

FORDHOOK BUSH LIMA is fully twenty-five to thirty-three and one-third per cent. a heavier cropper. Both the green and the dried beans, as compared with Dreer's, are truly enormous, being more than double the size. On one bush we counted fifty-two pods, the majority containing four beans, while a great number contained five. In a selected plant of Dreer's there were not nearly so many well-formed pods, while a number contained only two small beans. The flavor of the green beans is all that can be desired in this chubby or potato lima type, which is given such preference on the New York markets. Being more productive, and of upright growth, with larger, handsomer pods and from four to six days earlier, it is bound to entirely displace the Kumerle (Dreer's or Thorburn) Bush Lima.

Seed from ORIGINATOR'S STOCK, per pkt., 15c.; pt., 40c., by mail, postpaid; by freight or express, pt., 30c.; qt., 45c.; 2 qts., 80c.; 4 qts., $1.50; peck, $2.75; bush., $10.00.

WHAT OTHERS SAY OF FORDHOOK BUSH LIMA

FORDHOOK BEYOND COMPARISON

CHARLES E. BROWN, Lyndonville, N. Y., writes, October 2, 1909:—"Your New Fordhook Bush Lima Beans are beyond comparison in size, quality and productiveness; all other seeds you sent me were excellent."

THE FINEST EVER SEEN OR GROWN

H. JOHNSON, Waycross, Ga., writes, August 21, 1909:—"Your Fordhook Bush Lima Beans are the finest I have ever planted and every one here pronounces it the finest Lima Bean they have ever seen or grown."

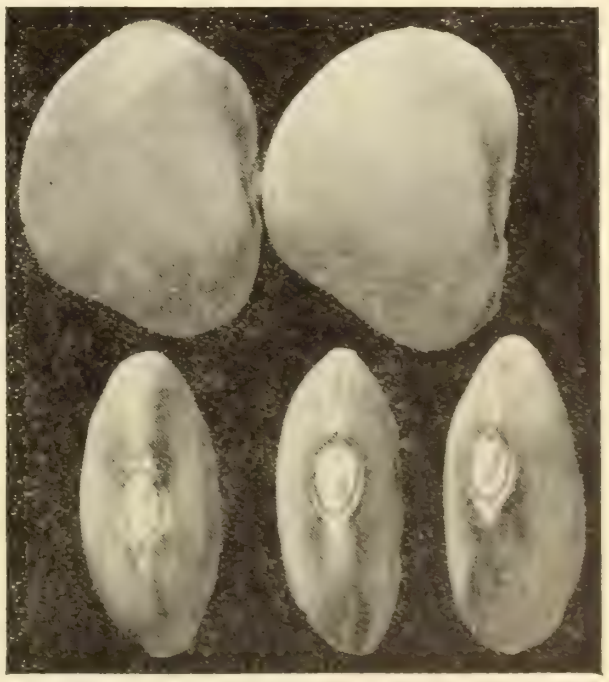
THE BEST IN SIZE, QUALITY AND YIELD

W. C. PRICKETT, Fort Wayne, Ind., writes, September 30, 1909: "All the seed bought of you this past season gave great satisfaction. The New Fordhook Bush Lima Bean is by far the best in large size, quality and yield."

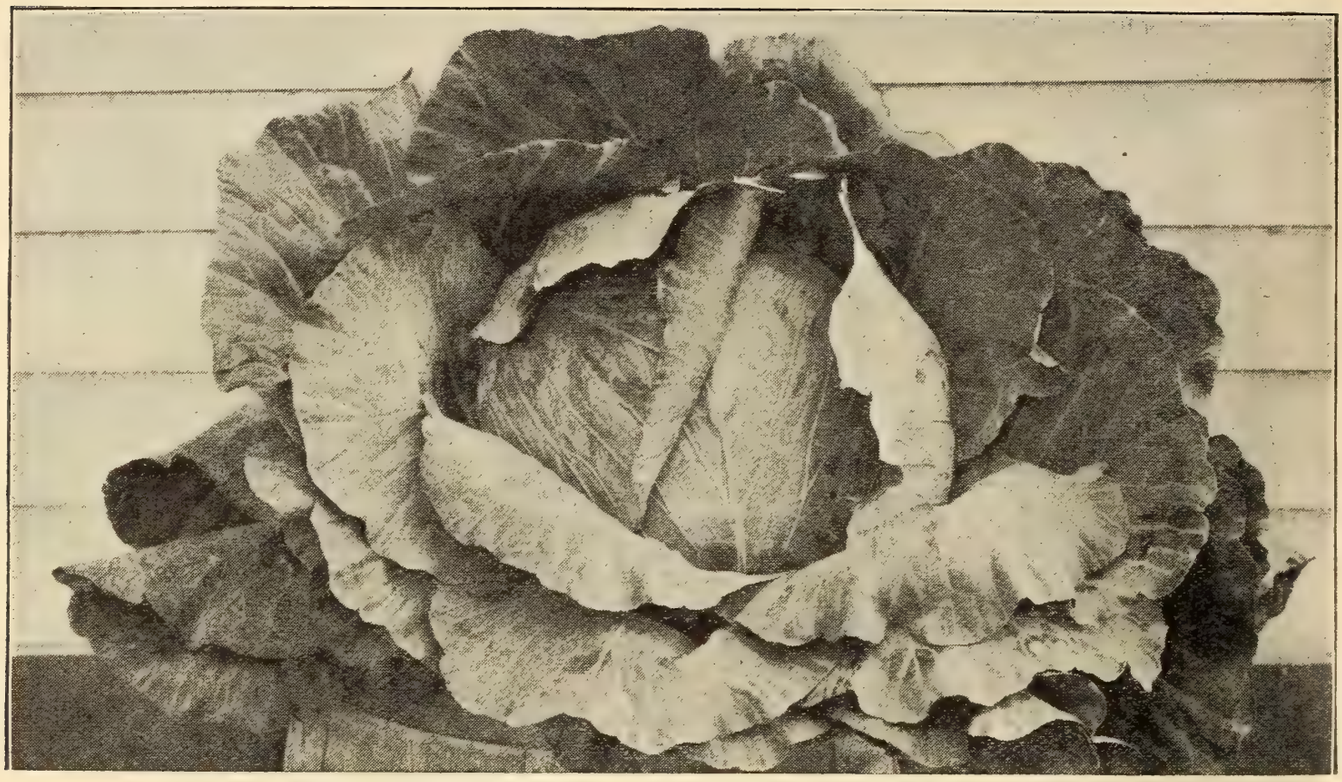
The "Burpee Improved" Bush Lima

This new variety, which was offered in 1908 for the first, produces magnificent crops of pods, which measure from five to six inches long by one and one-quarter inches wide. As compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick. The green beans measured in the field of **The Burpee Improved** were one and one-quarter inches long by seven-eighths of an inch wide and three-eighths of an inch thick, while the best that could be found in neighboring fields of Burpee's Bush Lima were one and one-eighth inches long, eleven-sixteenths of an inch wide and one-quarter of an inch thick. The beans are of the same delicious flavor as those of Burpee's Bush Lima or the Large Lima Pole Bean, while they are ready to use eight to ten days earlier.

Seed from ORIGINATOR'S STOCK, per pkt., 15c.; **pint,** 45c., postpaid; by freight or express, pint, 35c.; qt., 60c.; 2 qts., $1.10; **peck,** $3.50; bush., $12.50.



NATURAL SIZE FRESH GREEN BEANS OF THE NEW FORDHOOK BUSH LIMA



JOHNSON'S THUNDERHEAD CABBAGE. Our latest introduction from Long Island.

JOHNSON'S THUNDERHEAD CABBAGE

A new second early and main crop cabbage, offered last season for the first time.

For many years the finest cabbage as well as the best cabbage seed grown in America comes from the eastern end of Long Island. Hundreds of growers there depend entirely on their crops of cabbage, dozens of whom have their own varieties or strains selected by themselves. By keeping in touch with these growers, we have secured seed stock of several new and distinct sorts by offering tempting and fabulous prices for our stock seed. We believe in the New Thunderhead we have the very best second early and one of the best main crop cabbages ever sent out, and we want every cabbage grower, who has not done so, to give it a trial, but regret the supply of seed is so limited this season that we cannot sell more than 1 lb. to any one customer. Prices for 1910: pkt., 15c.; oz., 50c.; 2 ozs., 85c.; ¼ lb., $1.50; lb., $5.50.

O. K. A Few Letters of Approval O. K.

FROM FAR-OFF AUSTRALIA

F. H. BRUNNING, Victoria Seed Warehouse, Melbourne, Australia, writes, September 9, 1909:—"Seeds per Steamer 'Kabinga' have duly arrived, and we have pleasure in reporting that they opened out in perfect order. You stand first in the United States and United Kingdom for good packing. Commerce Act instructions were carried out to the letter."

FROM NEW HAMPSHIRE

J. F. HAMMAR, Nashua, N. H., October 22, 1909, writes:—"I have planted your seeds now for fourteen years and you have my best wishes for a successful trade, which Johnson Quality truly deserves."

FROM A FAMOUS CELERY GROWER OF OHIO

JOHN BOHNE, Middletown, O., October 2, 1909, writes:—"All your seeds have always been right in every way. Johnson's Very Earliest Cabbage and Johnson's XXX Strain Paris Golden Self-Blanching Celery are superior to anything we have ever grown."

FROM TEXAS

O. B. CROCKER, Milan, Texas, October 21, 1909, writes:—"I was as well pleased with your seeds as I have been in past years. They have all proved true to name every time and I have bought your seed for seven years."

FROM INDIANA

LUTHER N. DAWSON, Spiceland, Ind., October 23, 1909, writes:—"Your 'Johnson's Very Earliest Cabbage' is my main early cabbage and has been for ten years. I sold over $400 to the acre of Johnson's Improved No. 10 Earliana Tomatoes."

FROM NEW YORK STATE

J. F. VAN ALSTYNE, Niverville, N. Y., November 1, 1909, writes:—"The seeds I have bought of you in the past three years were the best in quality and growth, and my garden was the finest I have ever had. I shall always buy my vegetable seeds of you in the future."

FROM MISSOURI

E. E. BARNES, Springfield, Mo., October 15, 1909, writes:—"I am a market gardener and grow for a critical market For several years the seeds I have bought from you have proven of great vitality, always true to name and giving the finest crops."

FROM ALABAMA

S. A. HELTON, Anniston, Ala., October 25, 1909, writes:—"The seeds purchased from you last spring were all right in every way; none could be better."

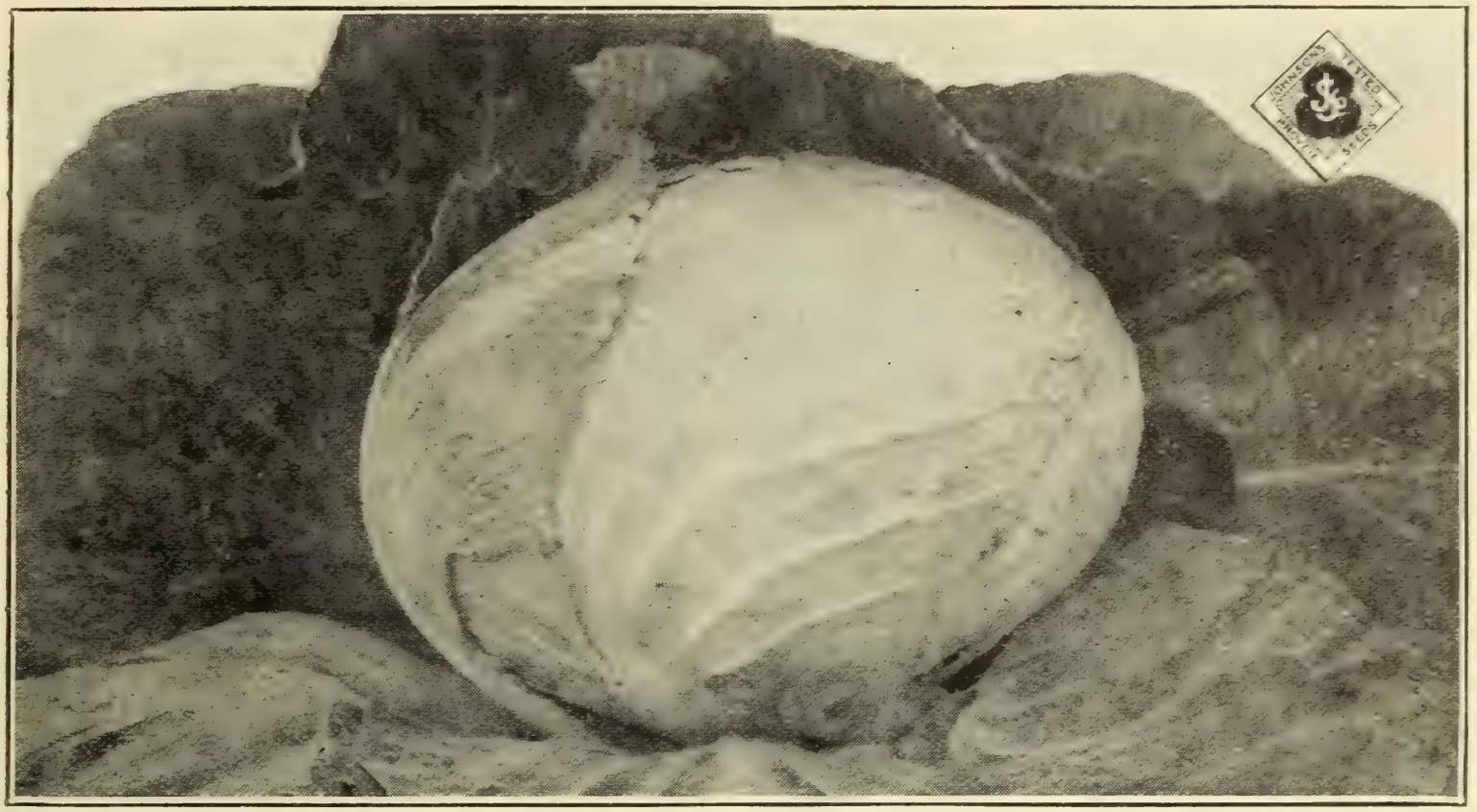
FROM PENNSYLVANIA

C. W. SPEER, Coraopolis, Pa., October 21, 1909, writes:—"The seeds I received from you were always No. 1 and true to name. I recommend your seeds highly to all my friends."

During the past four months we have received hundreds of just such letters as the above, coming from almost every State in the Union, and regret our limited space forbids the publication of more of them.

A Novelty Which We Shall Introduce in 1911

TRIAL PACKETS NOW FREE



The above is a photograph of a New German Cabbage, originated near Erfurt, Germany, as grown on our trial grounds the past season, and which proved to be one of the **earliest of the large varieties; handsomest, hardest heading** and **most productive of all.** On a large tract devoted to it, not a single plant showed the slightest variation from its true and valuable type, every one forming a large, solid, white head of the finest quality, and of an ideal size for marketing. We cannot offer the seed for sale this season; but as we desire to have it tested in different sections this year, we will include a liberal trial packet in all orders of vegetable and flower seeds of $2.00 and over. See also page 17.

THE FAMOUS DANISH CABBAGES—Seed Grown in Denmark

Since their introduction, many years ago, they have given such splendid satisfaction to growers for winter market, that we could fill almost every page of this Catalogue with the strongest testimonials. The seed crop was so short in Denmark the past season, that the prices are somewhat higher than usual.

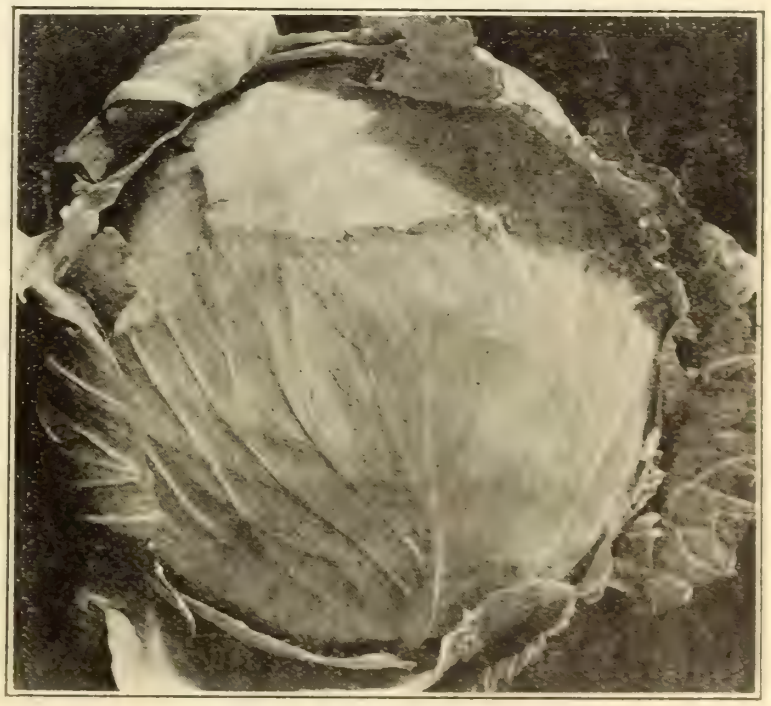
Early Danish Round Head. Two weeks earlier than Danish Ball Head, with shorter stalks, but heads as hard. Pkt., 10c.; oz., 40c.; ¼ lb., $1.25; lb., $4.00.

Danish Ball Head. Heads nearly round; very hard and solid, and will keep in perfect condition all winter. Pkt., 10c.; oz., 35c.; ¼ lb., 90c.; lb., $3.25.

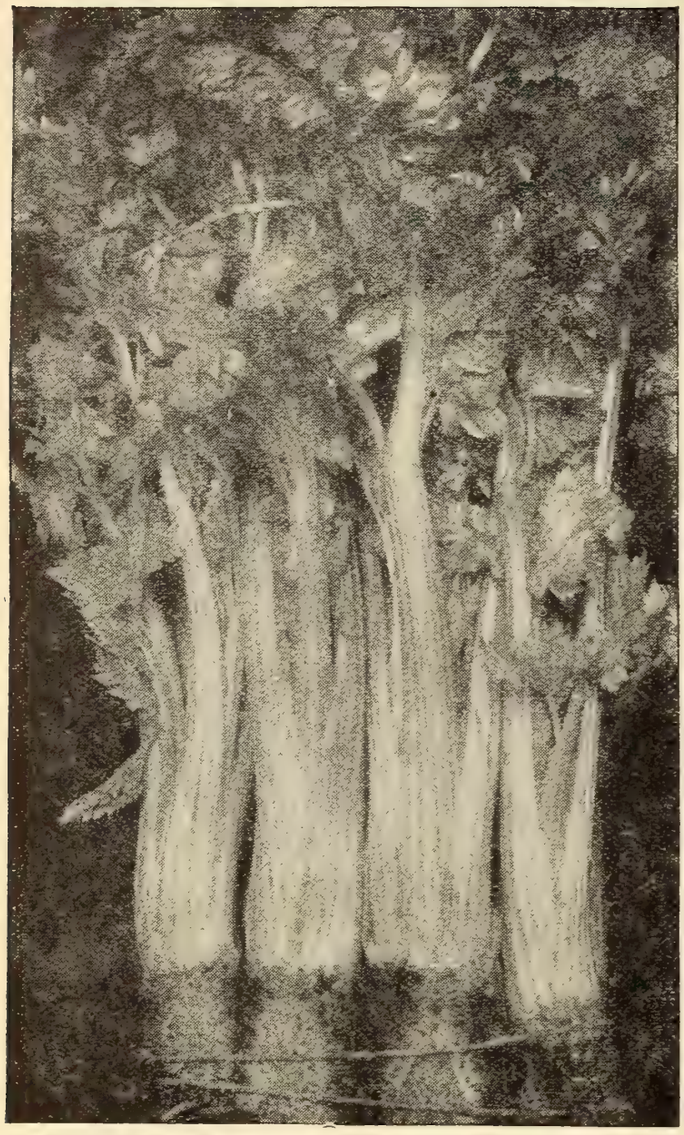
JOHNSON'S EVER-READY CABBAGE

In the Spring of 1907, we were fortunate enough to secure from one of the largest cabbage seed growers of Long Island, a small supply of seed of a new cabbage, which he had never given a name. We did not place it on sale, but sent out sample packages for trial. It has steadily gained in popularity and is now annually planted in every State of the Union.

Mr. Joseph H. Parkin, a prominent market gardener of Wood's Cross, Utah, in a letter dated August 20, 1907, writes as follows:—"The name for the 'New Nameless Cabbage,' I think should be **JOHNSON'S EVER-READY,** for the following reasons: Planted at the same time with Market Gardeners' No. 2, side by side, I cut from it my first cabbage. It grew solid from the start, and on this account is ready for the table any time after it is as large as a door-knob, and to the man selling by weight, it has the advantage in being so solid. It is a worm-resister, but two heads showing any sign of worms, while every head of another variety, only two feet away, was badly eaten." Price, pkt., 15c.; oz., 45c.; ¼ lb., $1.25; lb., $4.50.



JOHNSON'S EVER-READY CABBAGE.



JOHNSON'S MANHATTAN—TRIMMED FOR MARKET.

New Long-Keeping Celery

JOHNSON'S MANHATTAN

This is no doubt the finest type of late winter keeping celery ever offered, even surpassing in this respect our famous Winter Queen Celery. Our attention was first called to it in New York markets two years ago, and upon investigation we learned the name of the grower on Long Island and secured from him, at high cost, a few ounces of seed, from which our present supply is grown. It is the heaviest green celery, full hearted, very solid and crisp. Pkt., 15c.; oz., 50c.; ¼ lb., $1.25; lb., $4.50.

What a Large Michigan Celery Grower Says:

H. L. HARRIS, Newberry, Mich., writes:—"All the celery seed purchased from you gave finest results, especially the 'New Columbia,' which I consider a wonderful variety for market and keeping."

FROM A PROMINENT OHIO CELERY GROWER

J. E. UEBELHART, Canton, Ohio, writes:—"Johnson's Manhattan and your New Columbia Celery are the best fall and winter celery I have grown in twenty years; both are of very stocky growth, have a fine flavor, and if bleached properly look as pretty as a picture. Thanks for the fine quality of all seed I received from you."

A SPECIAL OFFER.—We will mail 1 large packet each of the 3 valuable new varieties of celery described on this page for 25 cents.

SILVER SELF-BLANCHING

A combination of the two most widely known celeries, being similar in habit of growth to Golden Self-Blanching, and like White Plume in color of foliage. It is a rapid grower and requires no banking other than placing boards on each side of the plants. The heart is full and solid, and both it and the inner stalks are pure white. The flavor is delicious and will please the most critical.

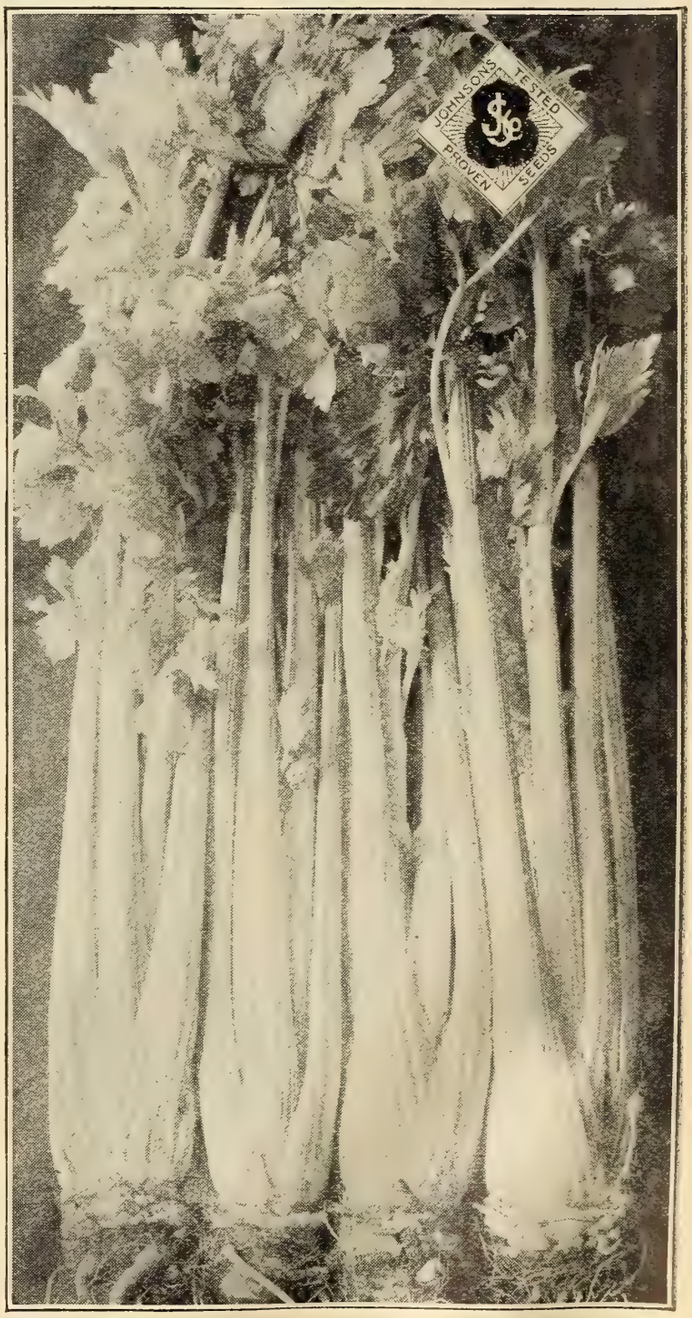
Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

NEW COLUMBIA CELERY

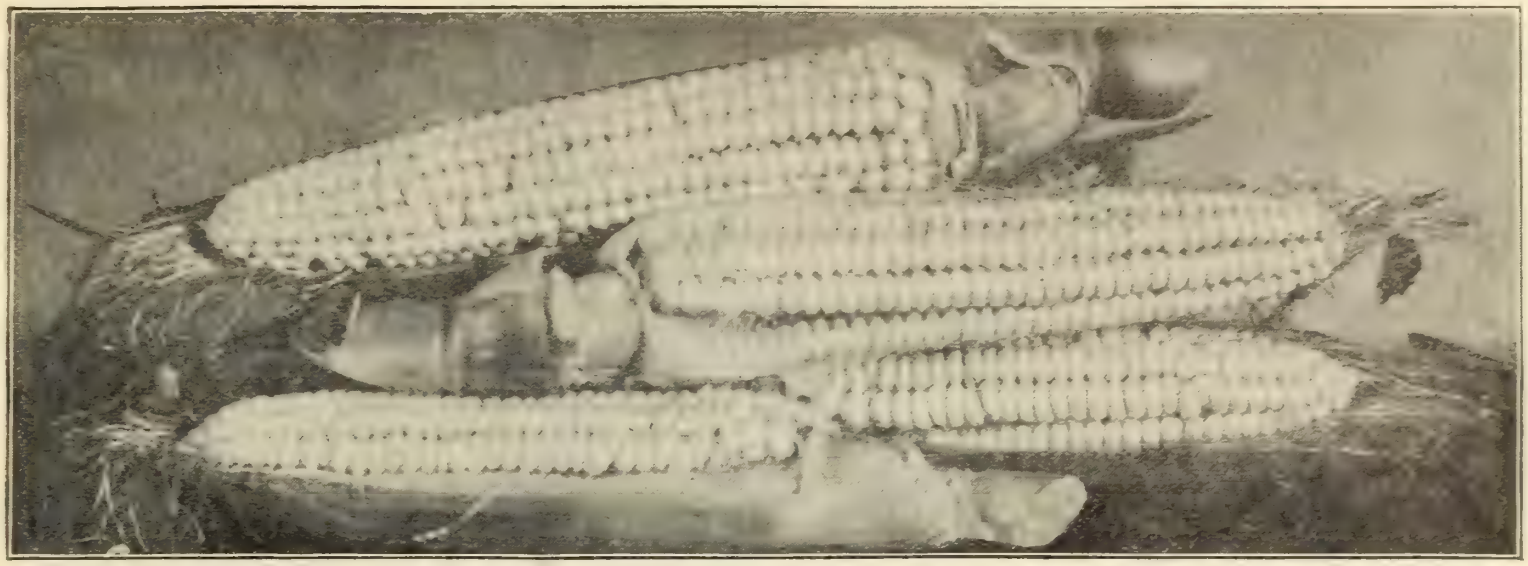
A great acquisition in earliness, showy form and superior quality. Market gardeners in all sections where grown say it outsells all others.

The plant is of medium height, but very stocky and heavy. Stalks are thick, resembling in shape those of Giant Pascal. The color has in it more of the rich yellow tint of Paris Golden Self-Blanching. The foliage is of a distinctly light shade of green, with a tinge of yellow. In season it follows in close succession Golden Self-Blanching.

Pkt., 10c.; oz., 35c.; ¼ lb., 90c.; lb., $3.25.



NEW COLUMBIA CELERY—BEST OF KEEPERS



PERKINS' EXTRA EARLY MARKET—THE EARLIEST TABLE CORN

Photograph of section of original stalk with five ears of JOHNSON'S NEW FIVE-EARED SUGAR CORN.

Selected by a New Jersey market grower, who for a few years past has completely controlled the early markets here on account of its wonderful earliness and hardiness. It can be planted earlier than any of the sugar varieties and will give good ears two to three weeks ahead of the earliest of them. Ears medium size, grain smooth, creamy white color. Although not legitimately a sugar corn, it is very tender, sweet and juicy in the boiling stage. Pkt., 10c.; pt., 25c., by mail, postpaid; by express or freight, qt., 35c.; 2 qts., 60c.; peck, $1.50; bush., $5.00.

JOHNSON'S FIVE-EARED SUGAR CORN

Four years ago on our trial grounds we found a stalk of corn containing five well-filled ears. These were carefully saved and planted on strong ground, and to our surprise almost every stalk bore five good ears which, after careful selection, were again planted, until we now have a variety which on strong ground and with good cultivation will invariably produce five good, well-developed ears to the stalk. The ears are of medium size, with irregular rows, somewhat similar to the old Shoe Peg, which is one of its parents. It is, however, earlier than that variety and deliciously sweet. It will prove a money-maker for the market gardener and a bonanza to all who plant it.

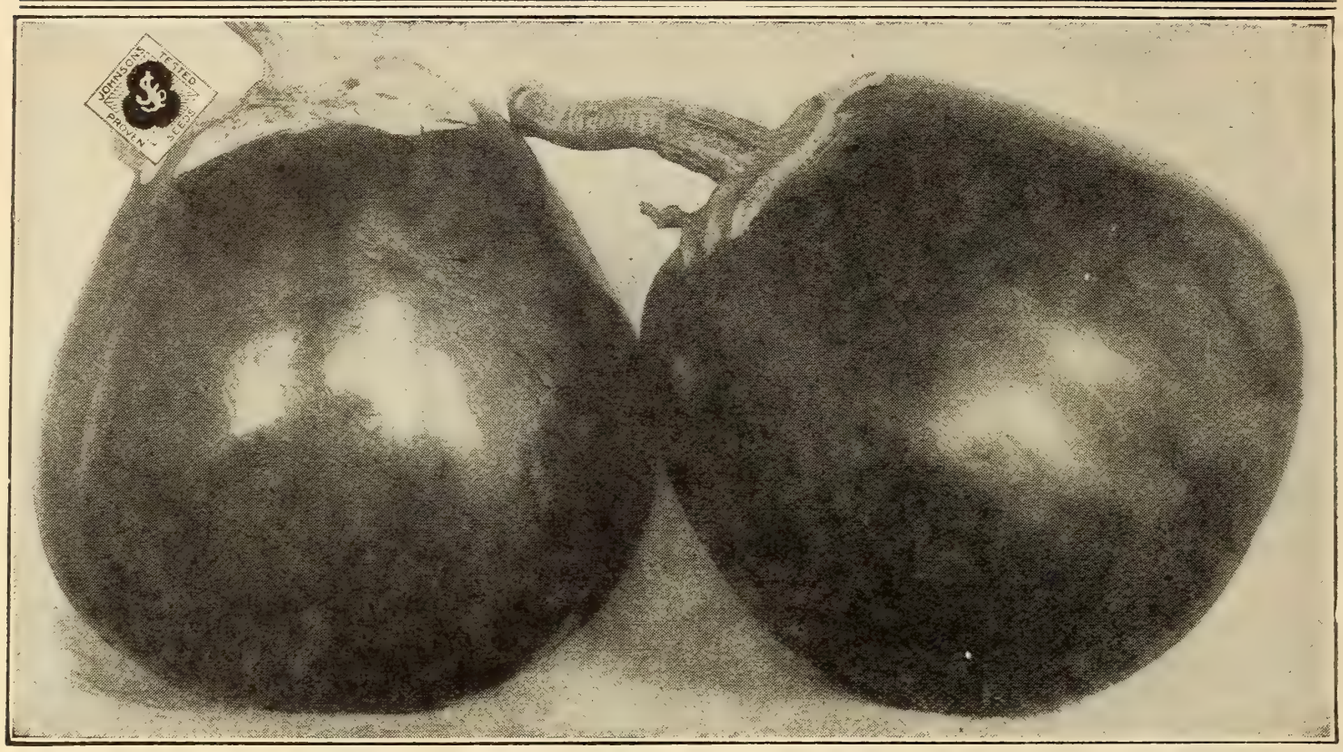
Pkt., 15c.; pint, 35c.; qt., 60c., by mail, postpaid; qt., 50c.; 4 qts. for $1.50; peck, $2.50, by express or freight.

JOHNSON'S INDISPENSABLE LETTUCE

Three years ago we found a single head of this new lettuce in a large field of Big Boston. We were struck with its fine appearance on account of its **larger and more solid heads, which were entirely free from the colored tinge** found in the Big Boston. The seed was carefully saved and planted until we had sufficient to send out a few thousand trial packets last Spring, and from which we have had hundreds of letters giving it the highest praise.

One market garden customer writes: "I have grown your fine strain of Big Boston for many years, but hereafter shall plant largely of this improved strain, which I think should be called 'Johnson's Indispensable.'" We offer seed for sale this season for the first time at following prices: Pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

JOHNSON'S NEW INDISPENSABLE LETTUCE



Johnson's Northmount Egg Plant

This fine new variety is the result of selection of the very earliest and finest fruits of the celebrated "Black Beauty." It is, beyond question, **the earliest and hardiest of all Large Smooth Purple Egg Plants.** While the fruits are not always quite as large as Black Beauty, it ripens fully ten days earlier and is suited to more northern climates.

The plants branch freely near the ground and grow in well-rounded bushes. The fruits are thick, of most attractive shape, and in color a lustrous purplish black. This coloring is uniform over the whole fruit, and does not fade at the blossom end, as do so many of the older varieties.

Prices, per pkt., 20c.; 4 pkts., 60c.; ½ oz., 75c.; oz., $1.25; ¼ lb., $4.00.

WHAT OTHERS WRITE:

"Northmount just as advertised. First Eggs picked July 2 brought $2.50 per dozen."—JESSE G. EVANS, Wood's Cross, Utah.
"Three weeks ahead of all other Egg Plants; the earliest and finest I ever raised."—E. H BANQUO, Topeka, Kan.
"All that can be desired. Northmount a sure success for market growers."—J. GRAHAM, Anthony, Fla.
"Northmount vines just loaded with fruit, many weighing 4 lbs. each."—A. B LEIGH, Meadows, N. J.

HOLYROOD HOT-WEATHER LETTUCE See colored plate on first cover.

HOLYROOD HOT-WEATHER LETTUCE

See Plate Front of Book.

Hundreds of letters from customers all agree that this is the most remarkable heat-resister they have ever grown, standing longer than any other of the rich butter varieties. Heads are large, firm and solid; light green outside, blanching to a beautiful cream-yellow inside; unusually tender and crisp. Can be sown at any season of the year.

Pkt., 15c.; oz., 40c.; ¼ lb., $1.25; lb., $4.00.

BEST SUMMER HEADER

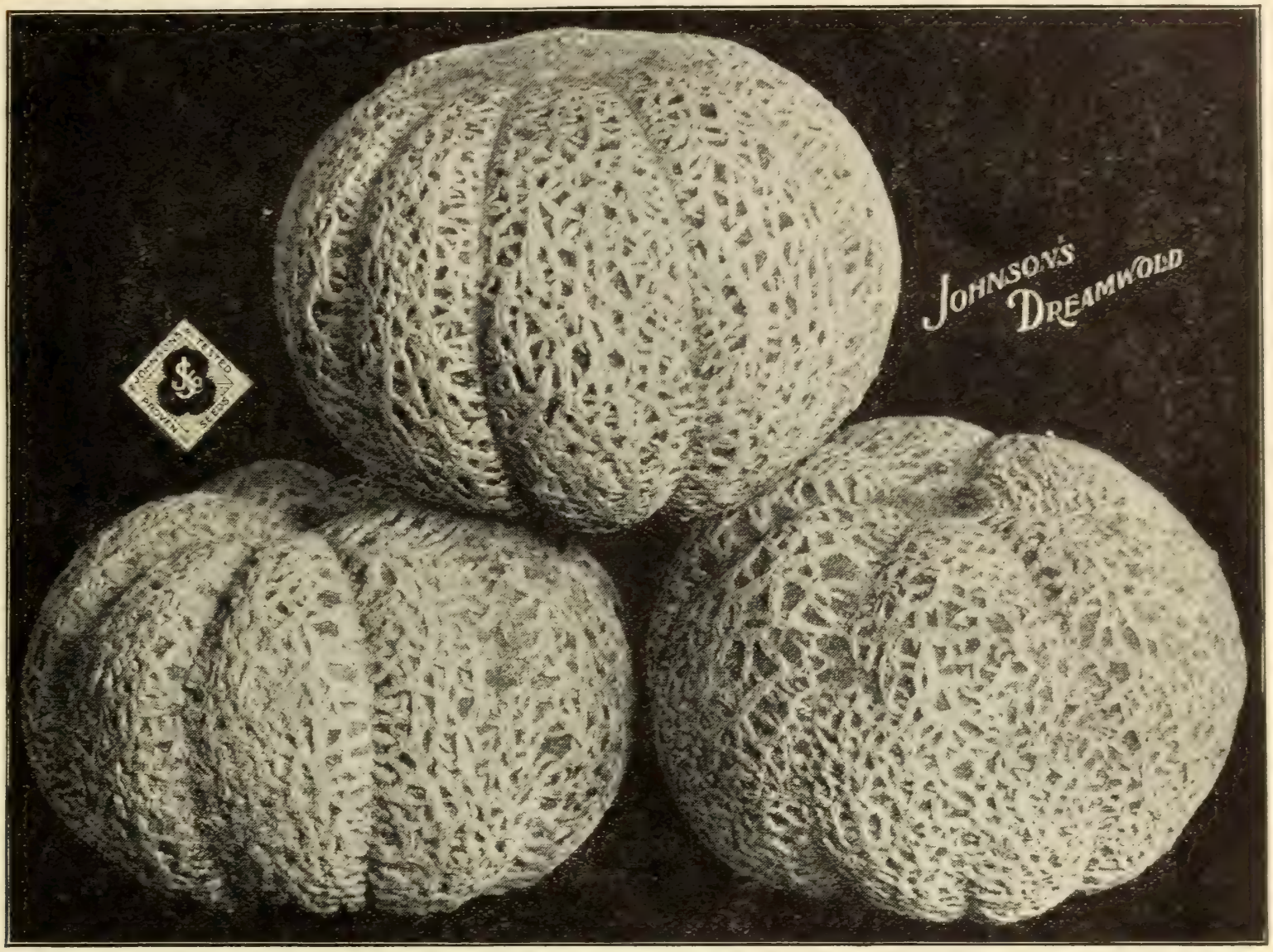
ERWIN CHURCH, Ellsworth, Mich.—"Holyrood is the best summer heading lettuce that I have ever seen, standing extreme heat better than any known variety."

BEST HE EVER RAISED

J. I. CLEVELAND, Fall River, Mass.—"We had the dryest season I remember, yet your New Holyrood Lettuce flourished and proved to be the best I ever raised."

WITHSTANDS HEAT

S. FORSTER, Hartford, Conn., writes:—"Holyrood withstands heat and drought better than any other lettuce. Out of 9,000 heads only 10 went to seed."

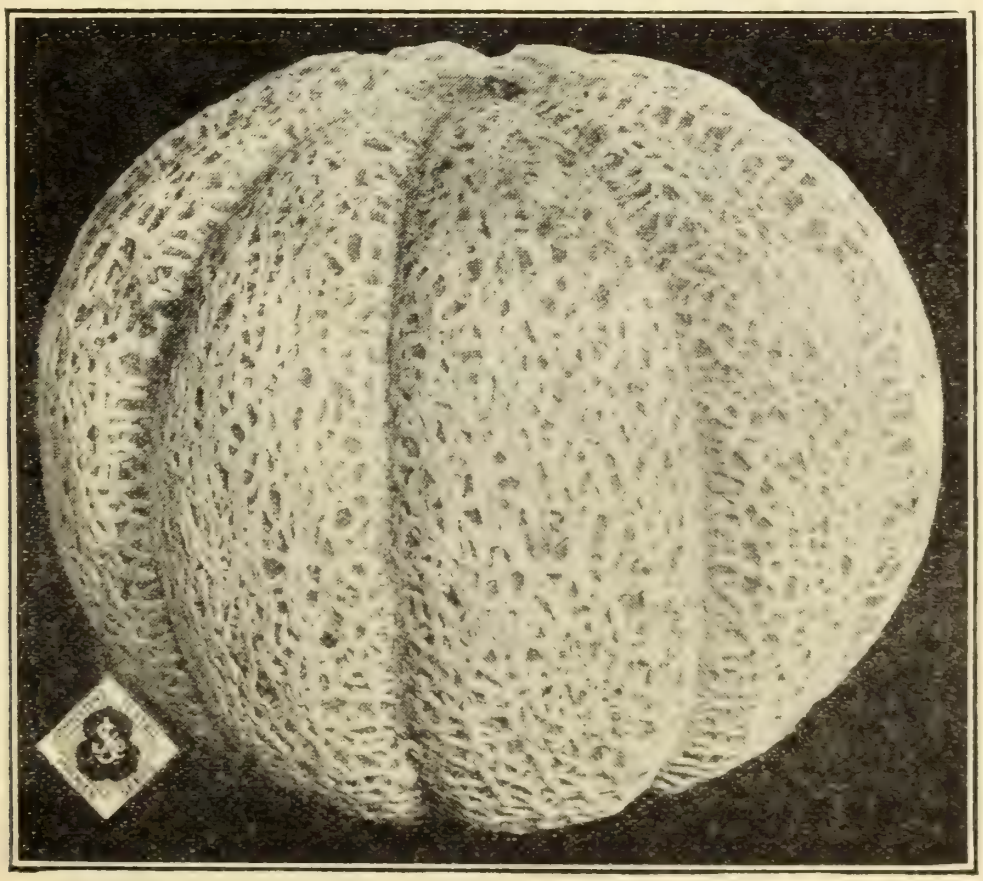


JOHNSON'S DREAMWOLD—The Most Profitable Muskmelon

Of the type of our Improved Shippers' Delight, but more densely netted, free from any tendency to knob at the blossom end and ripens **two weeks earlier.** It is remarkably early, and the quality of its thick, green flesh is simply perfection. If you grow for market and want to be the first with fine melons, plant **Johnson's Dreamwold.** Per pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., $2.75.

Cumming Brothers, the noted melon growers of South Jersey, write:

"After two years' experience, we consider Johnson's Dreamwold the finest, earliest and most profitable melon we have ever grown. The vines are free from louse or fungus. The last setting matured and were marketed in October, always holding the same delicious quality, uniform size and productiveness, as the earliest or first setting."



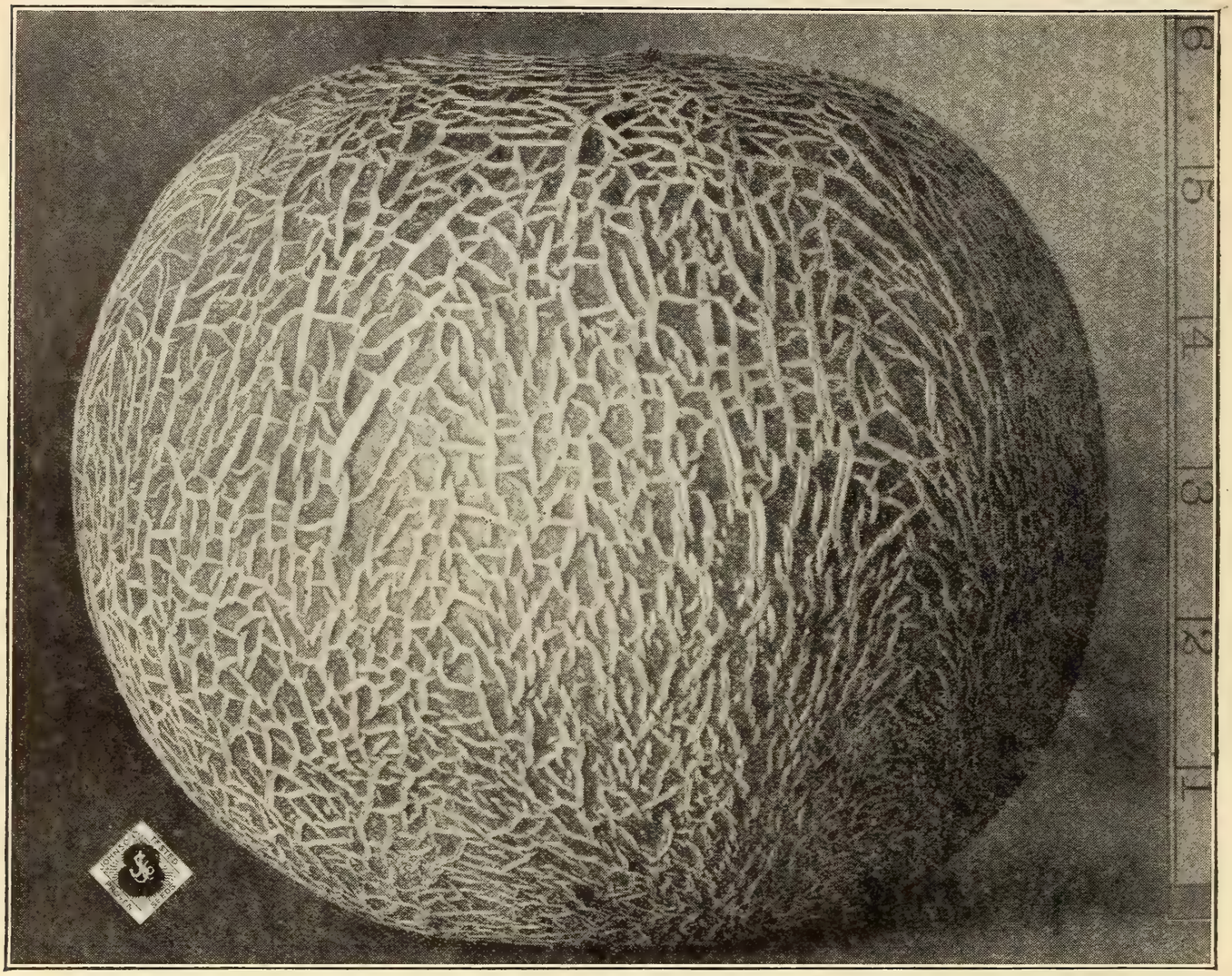
PHOTOGRAPH OF AN AVERAGE SPECIMEN NEW "FORDHOOK" MUSKMELON.

"FORDHOOK" MUSKMELON

A RED-FLESHED JENNY LIND

Better Shipper than Rocky Ford

This grand new melon is a cross between "Emerald Gem" and the "Improved Jenny Lind," resembling the latter in form and fully as delicious as the former. Roughly netted, the skin showing between the netting being emerald green, while the very solid thick flesh is of deep salmon color and surpassingly sweet to the very rind. **Fordhook** is most vigorous in growth, very early and extremely prolific, each vine setting from five to nine melons. The melons are remarkably uniform. The rind, although thin, is unusually firm, and the flesh so solid that the fruits carry well to market. Per pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., $3.00.



New Muskmelon, Johnson's Ringleader

A LITTLE BETTER THAN THE BEST

This new melon, originated in the famous melon-growing district of Southern New Jersey, will surely prove a revelation in cantaloupes. Its sweet, rich, thick, green flesh, uniform and handsome appearance, as shown in our photograph above, are unsurpassed by any other early, large or medium-sized melons. It is a fine shipper, and its blight and rust-resisting qualities are really wonderful. Seed now offered for sale for the first time. Pkt., 15c.; oz., 40c.; ¼ lb., $1.00; lb., $3.75.

NEW WATERMELON, TOM WATSON

The Tom Watson originated in Georgia, a State noted for producing fine watermelons. It is a large, extra long, dark green melon, as shown in our photograph below. The average melon will weigh 35 to 40 pounds. The rind is thin, but tough, and the flesh a bright red color, of delicious, sweet and satisfying flavor. Its appearance and quality strongly recommend it both for home use and market. What few were shipped to Northern markets last year were much sought after, and commanded the highest prices. Original seed grown for us in Georgia. Per pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., $1.50.

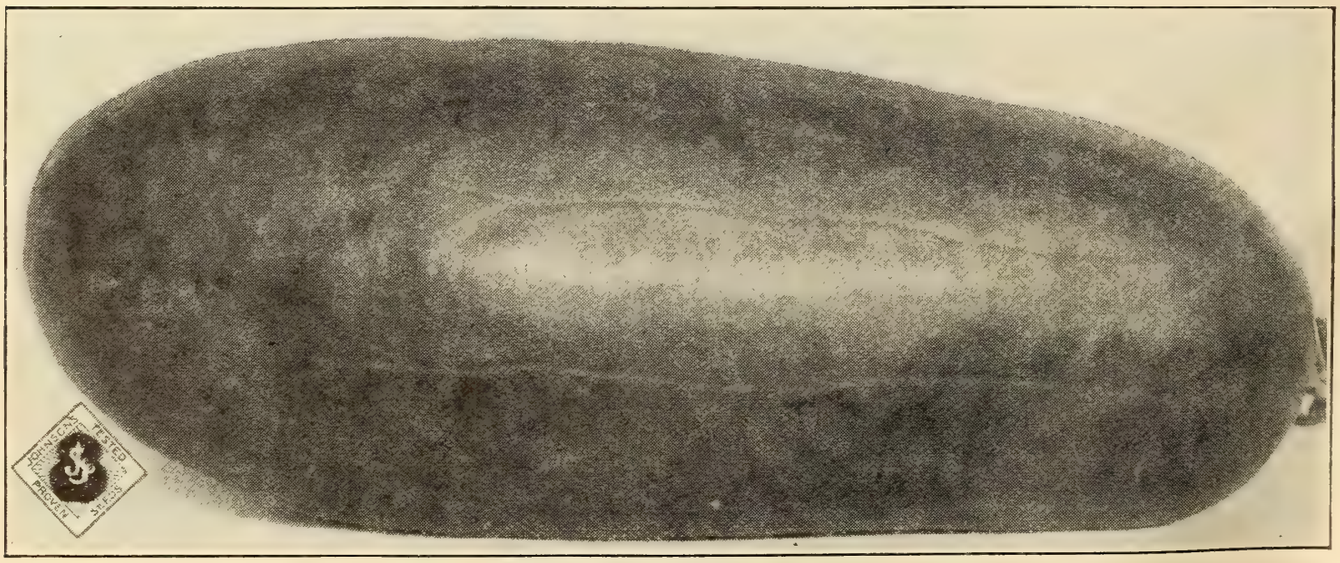
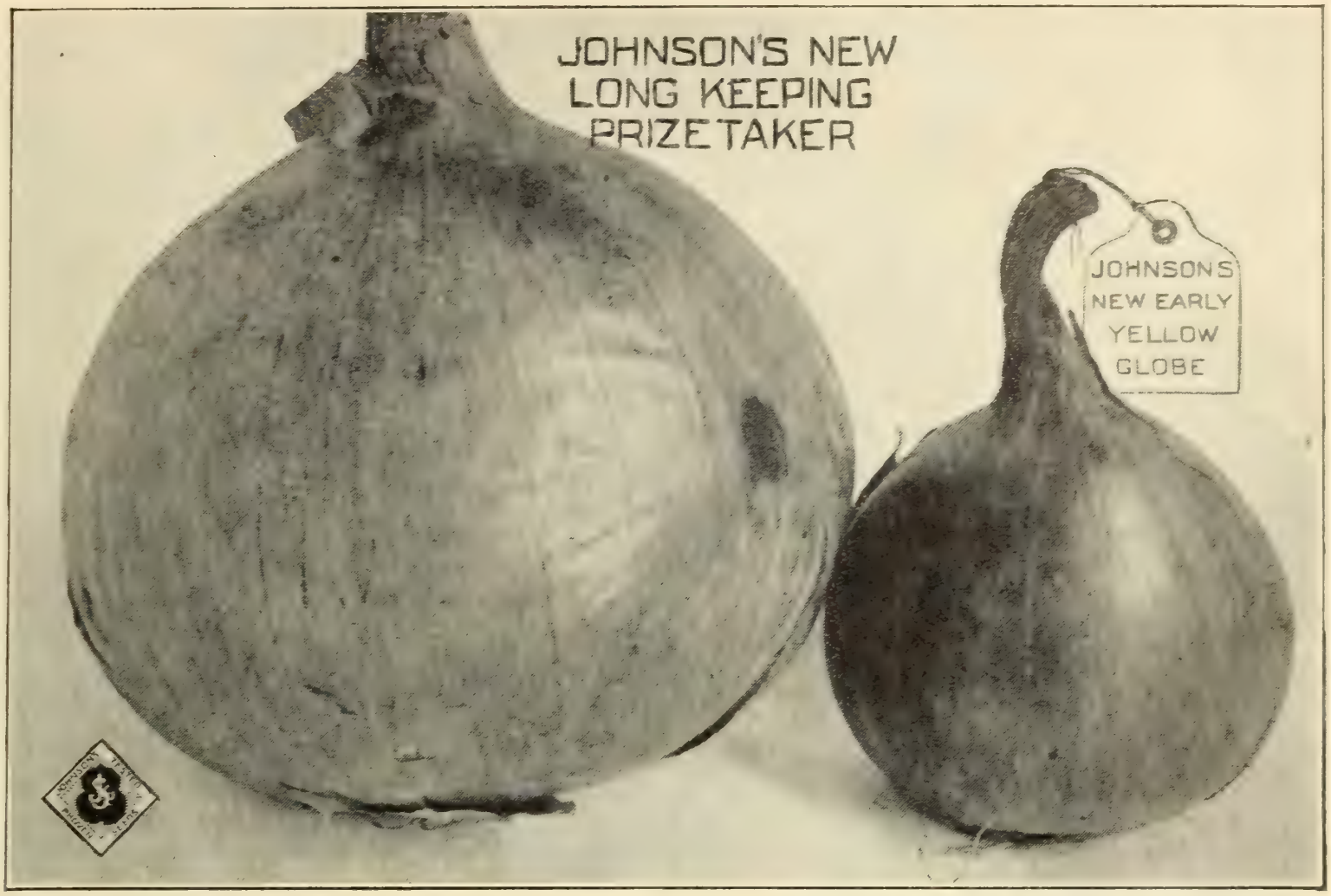


Photo of the grand new Georgia Watermelon—"TOM WATSON." Pkt., 10c.; oz., 20c.; ¼lb., 45c.; lb., $1.50.



JOHNSON'S New Long-Keeping PRIZETAKER ONION

Since its introduction in 1888, the old Prizetaker Onion has grown in popularity, the only objection being its keeping qualities, which have not been up to the standard of many of the American varieties. For several years past, however, a prominent California onion grower has been making selections and breeding the old Prizetaker, until he has obtained a strain which, in keeping quality, is fully equal to Danvers and the Southport Globes. The strain is by far the largest in size and handsomest in shape of all the Yellow Globe Onions. We own and control the entire crop of seed and bulbs of the originator. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., $2.75, postpaid; 5 lbs. and over, by express or freight, $2.50 per lb.

JOHNSON'S NEW EARLY YELLOW GLOBE ONION

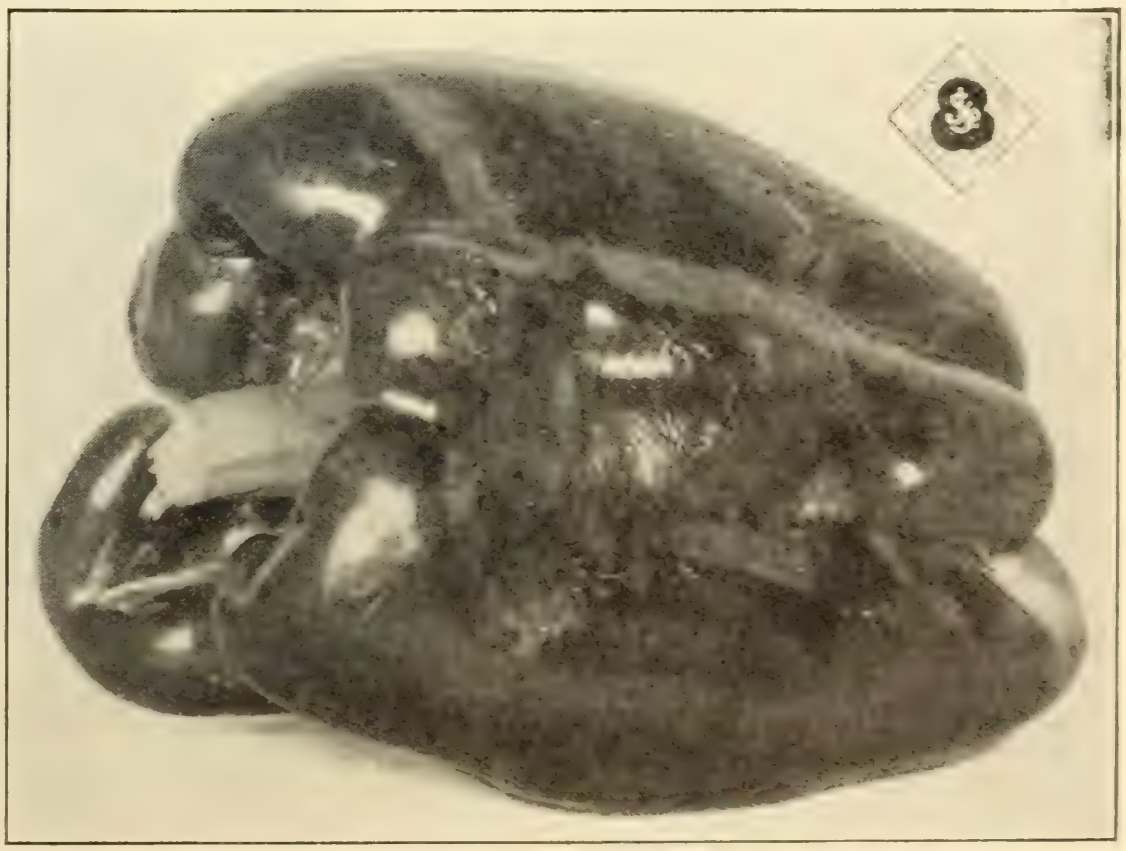
The earliest of the yellow globe varieties. Skin is bright, glossy orange-yellow; flesh white and fine grained. The bulbs are remarkably uniform in size and shape, and almost as large as Southport Yellow Globe, although 2 weeks earlier; being firm and hard, possess fine keeping and shipping qualities. Pkt., 10c.; oz., 25c.; ¼ lb., 65c.; lb., $2.25, postpaid; 5 lbs. for $10.00, by freight or express.

JOHNSON'S RUBY GIANT

The Largest Mild Red Pepper

As a result of crossing Chinese Giant and Ruby King, we have a handsome new variety which combines the enormous size of the Chinese Giant and the graceful, elongated form of Ruby King, being longer than the former variety, larger round than the latter and much larger than either.

In color it is a bright clear red, and in flavor mild, delicious and sweet. The plant is vigorous in growth, stocky, well branched and prolific. Pkt., 10c.; ½ oz., 25c.; oz., 45c.; ¼ lb., $1.25; lb., $4.50.



PHOTOGRAPH OF AN AVERAGE SPECIMEN JOHNSON'S RUBY GIANT PEPPER.

Photo of a single plant of the DAINTY DUCHESS.

New English Pea
"Dainty Duchess"

The largest podded of all. The peas are also very large, borne eight to ten to a pod, and their delicious sweet flavor is unsurpassed by any other known pea. They are ready for picking ahead of either Improved Stratagem or Telephone, and while the vine grows only a little more than half the height of the latter, it will produce almost double the number of both pods and peas. Notwithstanding it was only first introduced into this country by us two years ago, it has already become one of our best-selling second early and main crop peas. Pkt., 15c.; pint, 35c.; qt., 65c., by mail, postpaid. Prices by freight or express, qt., 50c.; peck, $2.75; bush., $10.00.

NEW SENATOR PEA

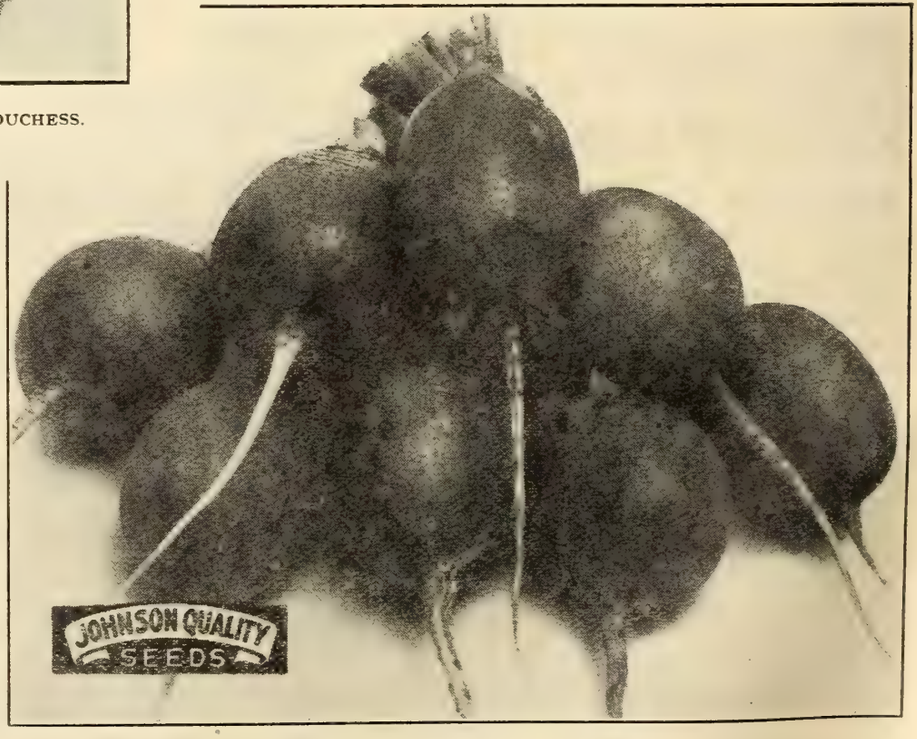
This is a grand new second early pea of fine quality. The vine is about 2½ feet in length and very productive. The pods are heavy, with 8 to 10 large, wrinkled marrow peas. Pkt., 10c.; pint, 30c., postpaid; by express or freight, qt., 40c.; peck, $2.25; bush., $8.50.

Johnson's Earliest Radish

Our superior Philadelphia market garden strain, is the best in color, maturing in about 20 days. For forcing in hotbeds, greenhouses or cold frames or for sowing outside early in the spring. No other red variety can equal it; the quality is fine, mild, crisp and tender. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., $1.50.

Cooper's Sparkler White Tip

Originated by Mr. Cooper, the celebrated English grower. The upper part is a brilliant scarlet, the lower part waxy white. Very early and smooth, with small top. The best of the white-tipped radishes. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.



JOHNSON'S EARLIEST RADISH. See also colored plate on back of book

Photograph of a single plant of JOHNSON'S JACK ROSE, showing its wonderful productiveness.

JOHNSON'S JACK ROSE TOMATO

See colored illustration on back of this book.

THE EARLIEST CONTINUOUS BEARING TOMATO YET OFFERED FOR SALE

Since the introduction of Sparks' Earliana Tomato by the writer in 1900, we have been looking for a tomato of equal quality that would eclipse it in earliness, which we realized was by no means an easy task. However, we now believe our efforts have been rewarded in "Johnson's Jack Rose," feeling sure we have found a variety possessing all the good qualities of Earliana with the advantage of being the "earliest yet," with the probable exception of **Green's New Strain of Earliana,** illustrated on page 17, and which, owing to the limited supply of seed, we cannot offer for sale this season.

JACK ROSE is of handsome appearance and color (resembling Earliana, but distinct from it), fully as large, more fleshy and solid. The vines are stocky and literally loaded with tomatoes, the later fruit being as heavy and perfect as the first. If you want an abundant supply of fine, solid, rich red, meaty tomatoes, that will be large and good until frost comes, try the **Jack Rose.** (Read the testimonials given below as to the merits of this fine new tomato.)

Price of Jack Rose Tomato: Pkt., 20c.; oz., 50c.; ¼ lb., $1.50; lb., $5.00.

WHAT A FEW TOMATO GROWERS SAY OF JACK ROSE

We have hundreds more of just such letters on file in our office

NO EARLIER OR BETTER IN EXISTENCE

E. H. KILGORE, Tushkahomma, Okla., writes, January 3, 1909:—"Here I come again for seed. I don't think any seeds grow and give results like yours. Sure your Jack Rose is a dandy. I don't think there is any earlier or better tomato in existence."

EARLIEST OF TWENTY VARIETIES

CHAS. W. MANN, Methuen, Mass., writes:—"Out of 20 kinds of early tomatoes, I find Johnson's Jack Rose to be the earliest and best of the lot. Send me some more of the same lot of seed I had last Spring, for which I enclose the money."

FINEST THE WHOLE SEASON

CHAS. F. ROHR, Naperville, Ill., August 24th, writes:—"You can be proud of your introduction of Johnson's Jack Rose Tomato. I bought tomato seed from eight different seedsmen and Jack Rose proved by far the best and earliest. I started picking and marketing July 4th, all fruit ripened perfectly and was the finest on the market the whole season."

MORE PRODUCTIVE THAN EARLIANA

ARTHUR RISCH, Box 21, Milwaukee, Wis., writes:—"Your Jack Rose is the earliest tomato I have ever grown. It is fully a week earlier than the original Earliana, and it is also more productive."

THE EARLIEST—CONTINUING UNTIL FROST

C. D. PECK, D.D.S., Graham Building, Sandusky, Ohio, writes, September 30, 1909:—"The Jack Rose Tomatoes gave me extreme satisfaction during the past season. They began bearing the earliest and continued in abundance until frost. The quality was excellent. I raised four varieties and I shall get but one kind in future, the Jack Rose."

EARLIER THAN EARLIANA

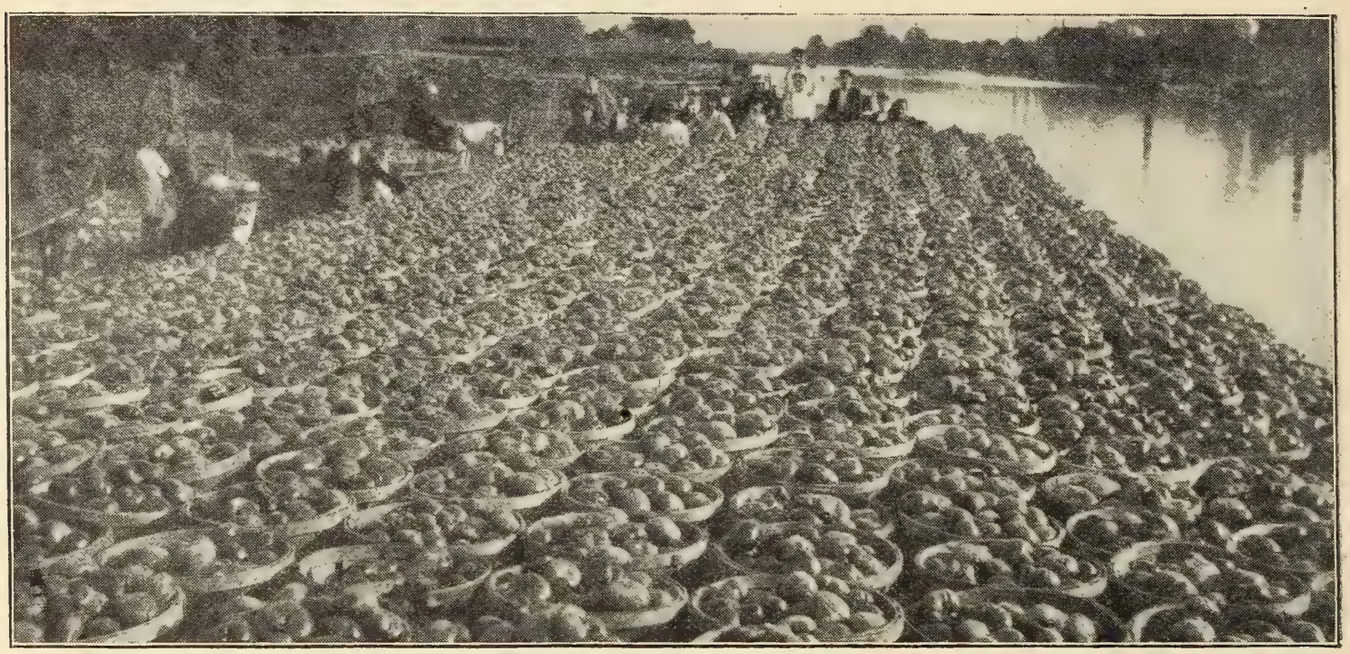
WM. JOHNSON, Byberry, Pa., writes:—"Your Jack Rose Tomato grown by the side of Earliana was earlier, larger and smoother: similar in color to Earliana, but taller vines. Quality and solidity of both tested and the Jack Rose found superior."

TEN DAYS EARLIER THAN OTHERS

ABRAHAM KARK, Linden Heights, Ohio, writes:—"We find your Jack Rose Tomatoes are ten days earlier than any other variety we have grown; they are also more solid and meaty. They have very few seeds."

EARLIEST HE EVER GREW

CHAS. N. LONON, Ferris, Texas, writes:—"Your Jack Rose Tomato is large, fleshy and uniform in shape and size; it has few seeds and is the earliest tomato I ever grew. I had ripe tomatoes two weeks before my neighbors they are still bearing while other varieties have quit entirely."



Johnson's Improved No. 10 Strain Sparks' Earliana Tomatoes awaiting shipment by boat to Philadelphia. Since its introduction by us four years ago, this tomato has made more money for tomato growers than any other variety. Seed, per pkt., 15c.; oz., 40c.; ¼lb., $1.00; lb., $3.50, by mail, postage paid.

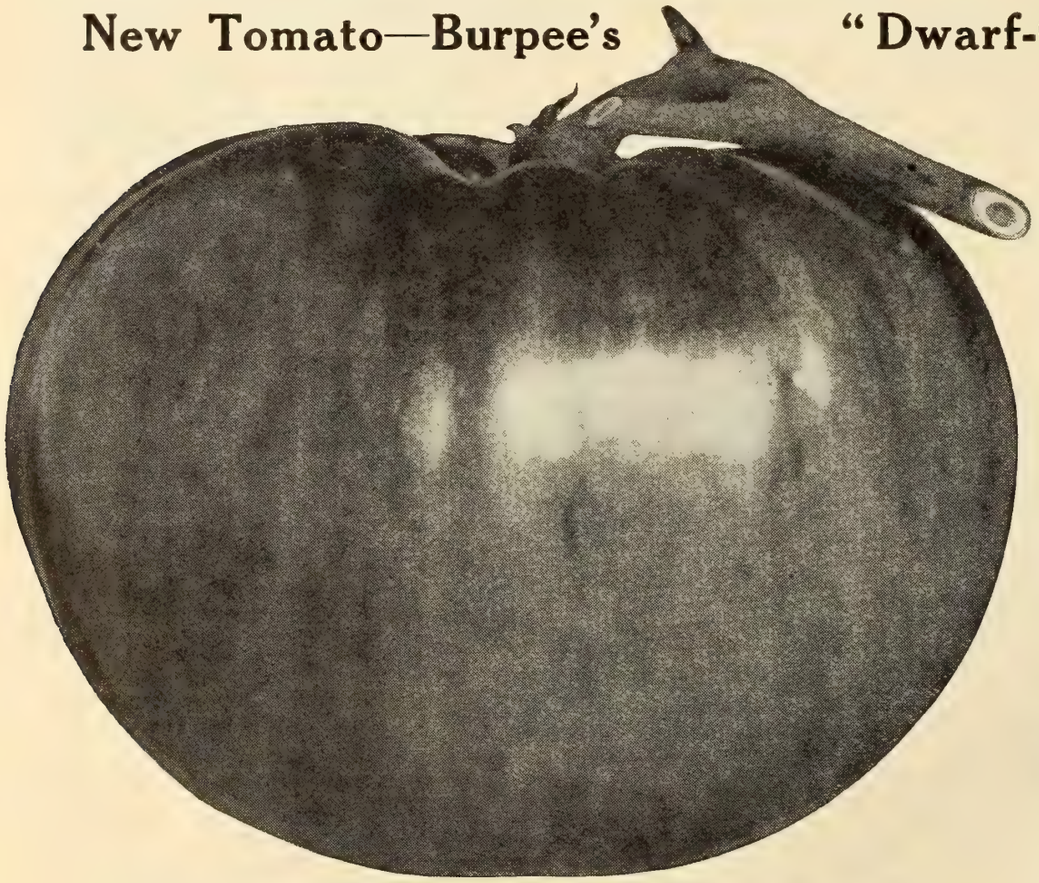
Johnson's Improved Strain No. 10 Earliana Tomato

The original Sparks' Earliana Tomato, introduced in 1900, is too well known to need much description. It has proven one of the most successful vegetable novelties ever introduced, being now offered in almost every prominent seedman's catalogue, and its large, handsome, solid fruit is known in all sections.

This new strain, which we have named **Johnson's Improved No. 10,** is fully one week earlier than the original type, and more vigorous in growth. It is the result of repeated selections and great care.

Sparks' Earliana Tomato was first discovered and named in 1899, **by the writer of this catalogue, Herbert W. Johnson,** who has since given his personal attention to its selection, growth and improvement and other advantages. If you want the best seed obtainable, grown from the crown setting only, of this famous variety, order **Johnson's No. 10** strain. Prices for 1910: Pkt., 15c.; oz., 40c.; ¼lb., $1.00; lb., $3.50.

New Tomato—Burpee's "Dwarf-Giant"



NATURAL SIZE BURPEE'S NEW "DWARF-GIANT" TOMATO; WEIGHT, 17 OZS.

This new main crop Tomato **is much the largest fruited of all dwarf Tomatoes.** The fruits are uniformly large throughout the season. They are produced in clusters of four to six and weighs from ten to twenty ounces each. In fact, no other tomato, excepting only the **Ponderosa,** which is one of its parents, is so large and heavy, although it is a week earlier than Ponderosa. The color is a rich purple crimson, and the depth of color is maintained throughout the entire fruit. The skin, while thin and easily removed in peeling, is sufficiently strong to protect the fruit when shipped to distant markets. Plants grow vigorously, two feet high, foliage dark green, with a cut leaf.

The fruit is very meaty, solid and delicious in quality, but is so nearly **seedless** that the seed will always be costly. The seed we offer comes direct from Mr. Burpee, the original introducer. **Prices for 1910:** per pkt., 10 cts.; ⅛ oz. (1300 to 1400 seeds), 25c.; ¼ oz. (about 2700 seeds), 40c.; per oz., $1.50.

NOVELTIES FOR 1911

TRIAL PACKETS NOW FREE

A New and Improved Strain of our Famous

Earliana Tomato

Originated and selected by the famous tomato grower, Mr. E. G. GREEN, of Gloucester County, New Jersey.

When we learned last Spring that Mr. E. G. Green, the well-known tomato grower of South Jersey, was shipping fine, large tomatoes to Philadelphia markets away ahead of Jack Rose, Earliana No. 10, and all others, and selling at over $3.00 per basket, we arranged with Mr. Green to save for us some of his selected seed of this grand new tomato.

The price paid him for the seed was so high and the quantity so limited that we are unable to offer seed for sale this season; but desiring that our customers may have a chance of giving this wonderful variety a trial in 1910, we will include a liberal trial packet with all orders of vegetable and flower seeds amounting to **$3.00 and over;** that is, if your order amounts to $3.00 or over, we will include both this **new tomato** and the **new German cabbage, illustrated and described on page 7.**

In addition to the above, we have several other novelties which, owing to the small supply of seed, cannot be offered for sale this season, but we shall be glad to add a trial packet to all good-sized orders as long as supply lasts.

JOHNSON SEED COMPANY

HERBERT W. JOHNSON (Of the late firm of Johnson & Stokes) Prest. and Gen'l Manager

217 Market St. and 206 Church St., Philadelphia, Pa.

The Best Lawns and Grass Plots are made from Seed

A good, green, velvety lawn or grass plot is the richest embellishment that a home can possess. Once seeded with the best lawn grass seed that can be mixed ("Johnson's Fancy Evergreen"), it is permanent for years to come, although an occasional reseeding is advisable, as it keeps the lawn in the best condition.

Many of the Most Beautiful Lawns in America

have been made in from 4 to 6 weeks from Johnson's Fancy Evergreen Lawn Grass Seed, which has given it a national reputation. We have made the formation and renovation of lawns a study for many years, and this grass formula or mixture is the result. **Johnson's Fancy Evergreen** is unquestionably **the best Lawn Grass Seed** that exists for general use. Thousands of bushels are now sold annually; it weighs 22 lbs. per bushel, while most other mixtures on the market average about 14 lbs. A trial will convince you of its merits.

Prices: 20 cents per quart (qt., postpaid, 25c.); 2 quarts for 35 cents; 4 quarts for 60 cents; $1.00 per peck; per bushel of 22 pounds, $4.00; 5-bushel lots at $3.75 per bushel; special prices quoted on larger quantities. Do not hesitate to write us for prices, stating quantities wanted.

JOHNSON'S SUPERIOR GRASS SEED MIXTURES

The following are a few of our most prominent mixtures or formulas of grass seed, all extensively used, every one highly recommended. See page 62.

Sow 3 to 4 bushels per acre for new lawns; 2 to 2½ bushels in reseeding old lawns.

Johnson's Standard Evergreen Lawn Grass. A well-balanced combination of fine grasses. Very popular. Qt., 15c. (qt., postpaid, 20c.); peck, $1.00; bush., $3.50.

Johnson's Shadow Lawn Grass Seed. Prepared especially for shady places. Qt., 25c. (qt., postpaid, 30c.); peck, $1.25; bush., $4.50.

Johnson's Lawn-Restoring Grass Seed. Grows quickly on hard, burnt or worn-out places. Qt., 20c.; peck., $1.00; bush., $3.75.

Johnson's Seashore Formula Grass Seed Mixture. Thrives best in salt air regions. Qt., 20c.; peck, $1.25; bush., $4.75.

Johnson's Fair Green Mixture for Golf Links. Excellent for the purpose. Sow 4 bushels to the acre. Price, peck, 75c.; bush. (15 lbs.), $2.50; 10 bush. and over, $2.25 per bush.

Johnson's Putting-Green Mixture for Golf Links. Produces a thick, tough, beautiful green turf. Sow 3½ bushels to the acre. Peck, $1.50; bush. (20 lbs.), $4.75.

Special mixtures for permanent pasture and mowing, see page 63.

The Johnson Quality Standards

If you are undecided or at a loss to know what varieties to plant, **order from this list** and you will not be disappointed. It is a **list of tried and tested varieties** which our thirty-seven years' experience and the reports of thousands of our customers prove to be the **best and choicest varieties for the average all-round Family Garden.** All are named and truthfully described in this catalogue on pages referred to. Order Johnson Quality Standards for the best garden in your neighborhood.

BEANS. Johnson's Giant Green Pod Stringless Valentine. Page 21. Pkt., 10c.; pint, 25c., postpaid; by express, qt., 30c.; peck, $1.75.

BEANS. Improved Rust-Proof Golden Wax. Page 21. Pkt., 10c.; pint, 25c., postpaid; by express, qt., 30c.; peck, $1.75.

BEANS. Lima. Ford's Mammoth Podded Pole. Page 23. Pkt., 10c.; pint, 30c., postpaid; by express, qt., 40c.; 2 qts., 70c.; peck, $2.00.

BEETS, Extra Early. Crosby's Improved Egyptian. Page 24. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

BEETS. Main Crop. Lanier's Superba. Page 24. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

CABBAGE. Johnson's Very Earliest. Page 26. Pkt., 15c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50.

" **for Second Early and Summer. Johnson's Market Gardener's No. 2.** Page 27. Pkt., 15c.; oz., 30c.; ¼ lb., 85c.; lb., $3.25.

CABBAGE for Late or Winter. Johnson's Matchless Late Flat Dutch. Page 28. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.40.

CARROT for Early and Late. Rubicon. Page 29. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

CELERY, Early. Johnson's XXX Paris Golden Self-Blanching. Page 30. Pkt., 15c.; oz., 50c.

" **Late or Winter. New Columbia.** Page 8. Pkt., 10c.; oz., 35c.; ¼ lb., 90c.

CORN, Sweet, Early. Early Champion. Page 32. Pkt., 10c.; pint, 20c., postpaid; by express, qt., 20c.

" **Sweet, Late. Country Gentleman.** Page 32. Pkt., 10c.; pint, 20c., postpaid; by express, qt., 25c.; 4 qts., 75c.; peck, $1.25.

CUCUMBER. Johnson's Improved Arlington. Page 33. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.65.

LETTUCE, Head. New Mammoth Salamander. Page 37. Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., $1.60.

" **Curled Leaved. New Morse.** Page 37. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.

MUSKMELON, First Early. Johnson's Dreamwold. Page 11. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.

" **Second Early. Rocky Ford.** Page 38. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

WATERMELON. Johnson's Dixie. (Extra selected stock.) Page 39. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.

ONION. Philadelphia Yellow Globe Danvers. Page 43. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50.

" **Minnesota Globe Wethersfield Red.** Page 42. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.75.

PARSLEY. Market Gardener's Best. Page 46. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

PARSNIP. Ideal Hollow Crown. Page 46. Pkt., 5c ; oz., 10c.; ¼ lb., 20c.; lb., 65c.

PEAS, First Early. Johnson's Record Extra Early. Page 44. Pkt., 10c.; pint, 30c.; qt., 50c., by mail, postpaid; by express or freight, qt., 35c.; peck, $2.00; bush., $7.00.

PEAS, Medium. Thomas Laxton. Page 45. Pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by freight or express, qt., 40c.; peck, $2.40; bush., $8.75.

PEAS, Late. Dwarf Champion. Page 45. Pkt., 10c.; pint, 25c.; qt., 50c., by mail, postage paid; by express or freight, qt., 35c.; peck, $2.00; bush., $7.25.

PEPPER. Ruby King. Page 46. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

RADISH, First Early. Johnson's Earliest. Page 14. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., $1.50.

" **Summer. White Strasburg.** Page 49. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

" **Winter. Improved Half-Long Black Spanish.** Page 50. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.

SPINACH. New Parisian Long-Standing. Page 50. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

SQUASH, Summer. New Extra Early Jersey White Bush. Page 51. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.

" **Winter. Hubbard.** Page 51. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

TOMATO. Earliest. Johnson's Jack Rose. Pages 15 and 52. Pkt., 20c.; oz., 50c.; ¼ lb., $1.50.

" **Main Crop. Johnson's Giant Beauty.** Page 52. Pkt., 15c.; oz., 45c.; ¼ lb., $1.25; lb., $4.50.

TURNIP. Mammoth Purple Top Globe. Page 54. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

THE ABOVE 36 VARIETIES ARE THE JOHNSON STANDARDS

A SPECIAL OFFER

They will produce the very finest of vegetables in succession the whole season through, giving a complete family vegetable garden. At regular catalogue prices one packet of each of the 36 Standards would cost **$3.25.** We will, however, mail the entire collection, all postage paid, on receipt of **only $1.50.** As we have these special packet collections already packed in advance, we cannot make any changes in them at this low price.

Johnson's Vegetable Seeds

SPECIALTIES AND STANDARDS

The Best Seeds That Grow and a List of Varieties It Pays to Grow

Although the past season has not been as favorable for the yield of some seed crops as we would have liked, we are greatly pleased with the fine quality of the seed stocks we have harvested, but some varieties are in much shorter supply than usual. This is particularly true of Peas, Dwarf or Snap Beans, Cucumbers and Muskmelons. On some varieties of these prices have necessarily advanced, while on some other vegetables prices are lower. While the quantity of some stocks is limited, the quality was never better, and we are thoroughly prepared to fill every order with seeds of the highest grade and of strong vitality.

Asparagus

Asparagus is one of the earliest Spring vegetables. No vegetable on our list can be produced so cheaply and easily. Directions for planting and culture will be found in our **LEAFLET,** sent free with orders on request. A bed 12 x 40 feet, requiring 100 roots, will supply an ordinary family. One ounce of seed will sow 40 feet of row; 7,260 roots will plant an acre.

NEW ASPARAGUS—Starkey's Mammoth Prolific. For description, see Novelties, page 4.

EARLY FRENCH GIANT, OR ARGENTEUIL

The earliest and most prolific asparagus, being a great improvement on the popular Palmetto, which also came originally from France. The seed and roots were imported from Mr. Louis Lérault de Argenteuil, of France, and we have improved the original strain season by season, so that it is much superior to the first importation, thoroughly acclimated and free from rust. It is not only ten days earlier than Palmetto, but of larger size and superior in flavor and color.

Genuine French Grown Seed, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00. **Prices of Seed, American Grown:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c. **Good, Strong One-year-old Roots,** 50 for 60c.; 100 for $1.00, by mail, postage paid; by express, 75c. per 100; $5.50 per 1,000. **Two-year-old Roots,** $1.00 per 100; $6.00 per 1,000, by freight or express (500 roots at 1,000 rate).

DONALD'S ELMIRA ASPARAGUS

The delicate green color is notably different from others. Stalks are tender and succulent. Owing to the large size, it requires much less labor in cutting and bunching, thus lessening the expense of marketing. **Price of Seed:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. **Strong Roots,** 1 year old, 90c. per 100, postpaid. Extra large, 2 years old, 75c. per 100; $5.75 per 1,000, by express.

TWO-YEAR-OLD ASPARAGUS ROOT.

BARR'S MAMMOTH

Sells at top-notch prices on account of its large size and fine appearance. **Seed:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. **Good, Strong Roots,** 1 year old, 85c. per 100, postpaid; by express, extra size, 2 years old, 65c. per 100; $4.00 per 1,000 (500 roots at 1,000 rate).

CONOVER'S COLOSSAL AND PALMETTO ASPARAGUS

Both extensively grown. **Seed and Roots** same prices as Barr's Mammoth.

Three Valuable New Beans=From a Photograph

Johnson's Giant Stringless Green Pod Valentine Bean

This valuable new variety will be found earlier, more prolific and with pods one-third larger than the old Valentine. A great improvement. Pkt., 10c.; pint, 25c.; qt., 45c., by mail, postpaid; qt., 30c.; peck, $1.75; bush., $6.75, by express or freight.

NEW MICHIGAN WHITE WAX BEAN—A Valuable Novelty

A new white-seeded Golden Wax, being exceptionally vigorous, hardy and productive; very attractive in appearance and unsurpassed in quality, with the added advantage of being white-seeded. The best Wax Bean that has yet been introduced. Pkt., 10c.; pint, 35c.; qt., 60c., postpaid; qt., 45c.; peck, $2.25; bush., $8.00, by freight or express.

NEW HODSON WAX POD BUSH BEAN

A very vigorous grower; productive; large pods free from rust or blight, and when picked young entirely stringless. Very showy and fine for market. Pkt., 10c.; pint, 25c.; qt., 45c., postpaid; qt., 30c.; peck, $1.75; bush., $6.50, by freight or express.

BEANS—Green Podded—Dwarf or Bush

One quart will plant 100 feet of drill, two bushels will plant an acre in drills
Crops of Dwarf Beans very short, some sorts almost a failure. Order early if wanted in quantity

Large, full-sized packets of any variety of Beans, 10c. each **Half pecks and half bushels supplied at peck and bushel rates**	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
Refugee, or Thousand to One. Medium early, hardy, productive,	$0 25	$0 40	$0 25	$1 50	$5 75
New Extra Early Refugee. Two weeks earlier than the old Refugee,	25	40	25	1 60	6 00
Improved Round Pod Red Speckled Valentine. Finest strain..	25	45	30	1 75	6 50
Stringless Green Pod. Extra early and of very fine quality....	25	45	30	1 60	6 00
Black Valentine. Long, round, solid pod, black seed, fine shipper,	30	50	35	2 10	8 00
Longfellow. Long, straight, round, solid, green pods, very early..	25	40	25	1 60	6 00
Hodson Green Pod. Superior new sort. Wonderfully productive,	25	40	25	1 45	5 50
BEANS—Wax Podded—Dwarf or Bush					
Currie's Rust-Proof Black Wax. Very early, flat pods. Good shipper and seller; most showy for market; fair quality	25	40	25	1 50	5 75
New Round Pod Kidney Wax. Superior. One of the best round-podded wax beans in cultivation; entirely stringless.....	25	45	30	1 75	6 75
Golden Wax. The well-known old sort; popular for market.....	25	45	30	1 75	6 50
Grennell's Improved Rust-Proof Golden Wax. Very superior..	25	45	30	1 75	6 50
Wardwell's Kidney Wax. Very popular, long, broad, flat pods..	25	45	30	1 60	6 00
Davis Kidney Wax. A white-seeded bean. Long, oval pods.....	25	40	25	1 50	5 75
Dwarf German Black Wax, or Butter. Well-known old sort....	25	45	30	1 75	6 50
New Prolific German, or Cylinder Wax. Very early and prolific,	25	45	30	1 75	6 50
Keeney's Pencil Pod Black Wax. Round, full and stringless....	25	45	30	1 75	6 50

NEW FORD-HOOK BUSH LIMA BEAN.

BEANS—Dwarf or Bush Lima

We supply packets of all Beans at 10c. each, postpaid.
Half pecks and half bushels supplied at peck and bushel rates.

	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
Dreer's, or Kumerle Bush Lima. Possesses all the good qualities of the Dreer's Pole Lima and possessing its fine flavor and good qualities, producing 50 to 60 pods on a bush	$0 25	$0 45	$0 30	$1 90	$7 25
Burpee's Bush Lima. The most popular dwarf Lima, large, flat beans, growing vigorously to a height of about 20 inches	25	45	30	1 90	7 00
New Wonder Bush Lima. Earlier, dwarfer and more prolific than the old Burpee's Bush Lima, also hardier	30	50	35	2 10	8 00
Henderson's Bush Lima. Small white beans, very productive	25	45	30	1 75	6 50

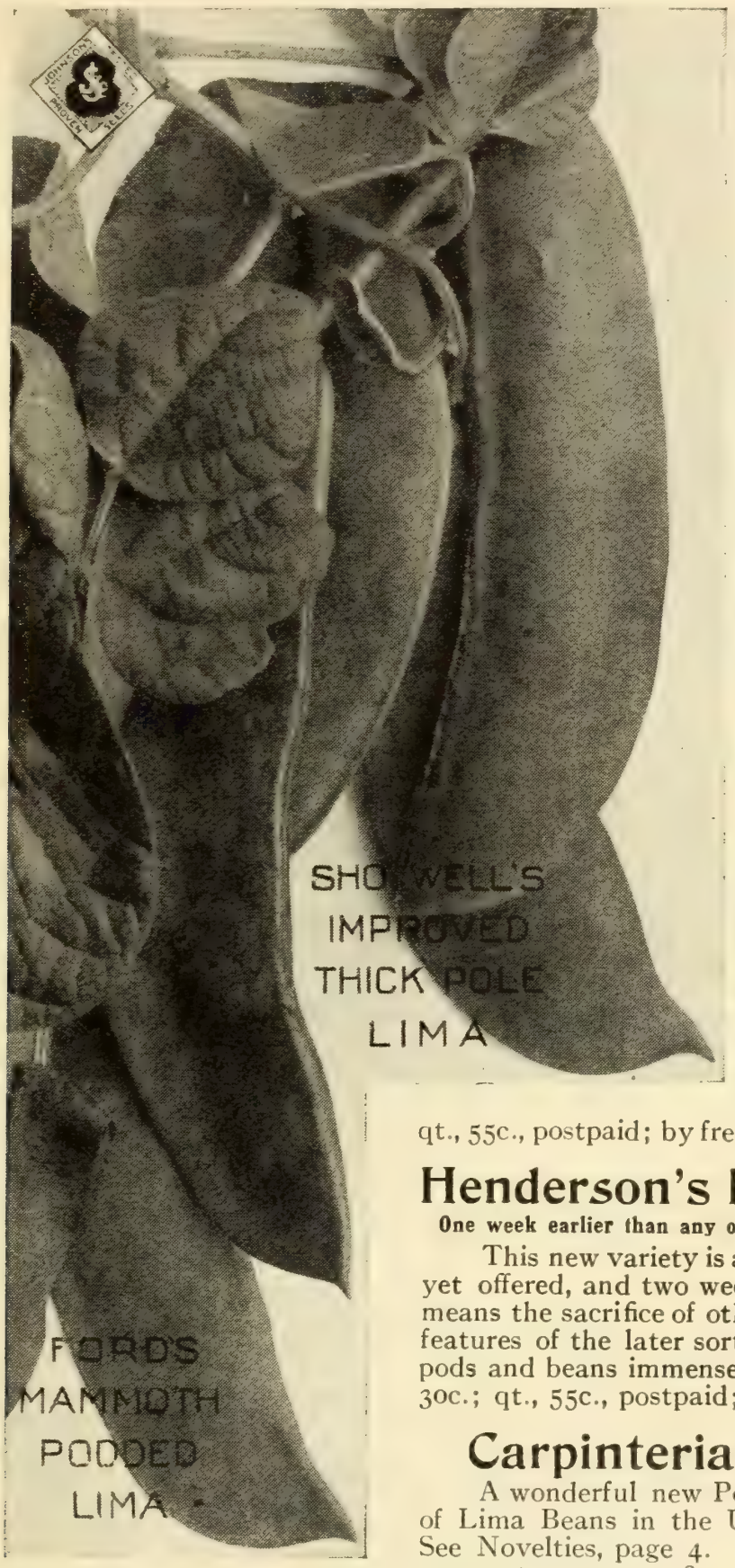
BEANS—White Shelling Varieties

Day's Leafless Medium. Vine stands up well, grows abundant foliage, and previous to ripening, **the leaves fall off,** so that pod is exposed to the sun and ripens evenly. Matures in eighty days	20	35	20	1 25	4 50
Burlingame Mediums. The leading field bean in New York	20	35	20	1 10	4 25
White Navy, or Pea Bean. A productive standard sort	20	35	20	1 00	3 75
Royal Dwarf, or White Kidney. Very productive, fine for baking,	20	35	20	1 10	4 25
White Marrowfat. Well known; extensively grown for winter	20	35	20	1 00	3 75

BEANS—Pole or Running

Early Golden Cluster Wax. Early, large, flat, fleshy yellow pods,	25	45	30	1 90	7 00
Johnson's Green Pod Stringless Pole (white seed). The best early large podded productive bean. Pure white seed	35	65	50	3 00	
Lazy Wife's. Green Podded Snap Short Pole Bean, produced in large clusters; pods broad, thick, fleshy and stringless	30	50	35	2 00	7 50
White Crease Back, or Fat Horse. One of the earliest Round Pod,	30	50	35	1 85	7 00
Improved Kentucky Wonder, or Old Homestead. Very long, round, straight pods; early, entirely stringless, very productive,	30	50	35	1 85	7 00
Southern Prolific. Continuous bearer, giving snap shorts in 80 days,	30	50	35	1 75	6 50

37 Years' Experience back of Johnson Quality Seeds. **37 Years** of testing and proving the best led to the selection of **the Standard Varieties** offered in this **Catalogue.**



THE BEST
Pole Lima Beans

NEW JERSEY GROWN SEED. MUCH SUPERIOR TO CALIFORNIA GROWN

FORD'S MAMMOTH PODDED POLE LIMA BEAN

This Lima Bean is the result of over twenty years' selection by the late Jas. Ford, who was one of the oldest market gardeners around Philadelphia. The pods grow to an average length of 8 inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. **Ford's Mammoth Podded** is, without exception, the **largest podded, finest flavored and most productive of all Pole Lima Beans.** Pkt., 10c.; pt., 30c.; qt., 55c., postpaid; by freight or express, pt., 20c.; qt., 40c.; 2 qts., 70c.; peck, $1.90; bush., $7.25.

SHOTWELL'S IMPROVED THICK POLE LIMA BEAN

Originated by one of the best and most experienced growers of Northern New Jersey. It is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved Pole Lima or any other bean of its class in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by hundreds of our customers who tried it in past seasons, and we regret we have not room here to publish the many strong recommendations received from them. Pkt., 10c.; pt., 30c.; qt., 55c., postpaid; by freight or express, qt., 40c.; peck, $2.00; bush., $7.75.

Henderson's Early Leviathan Pole Lima

One week earlier than any other Pole Lima. Immense size. Wonderfully productive

This new variety is at least one week earlier than any large Pole Lima yet offered, and two weeks earlier than most varieties. Earliness often means the sacrifice of other valuable features, but in this variety the good features of the later sorts are retained. It is wonderfully productive, the pods and beans immense and the flavor delicious. Price, pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by express, qt., 40c.; peck, $2.00; bush., $7.50.

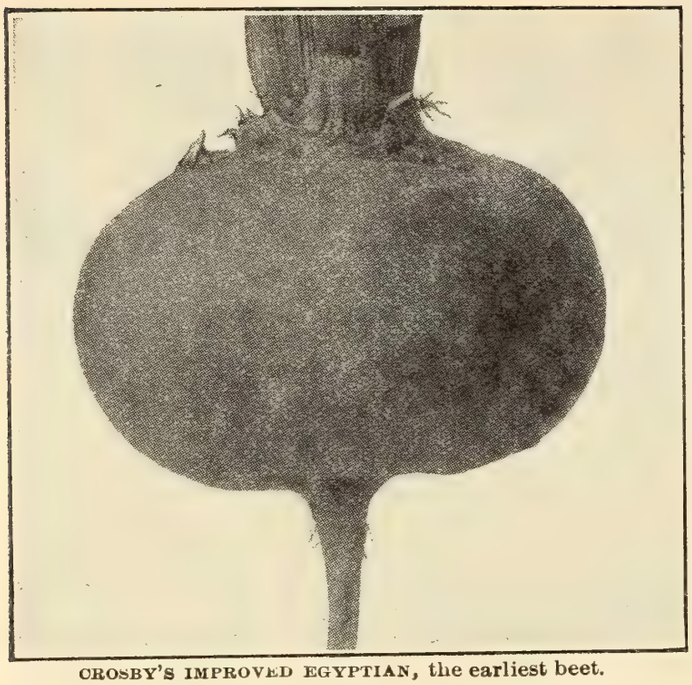
Carpinteria Green Seeded Pole Lima

A wonderful new Pole Lima originated by one of the largest growers of Lima Beans in the United States, and now offered for the first time. See Novelties, page 4. Pkt., 15c.; pt., 60c.; qt., $1.00, postpaid; by express, pt., 50c.; qt., 85c.; 4 qts., $3.00.

THE CREAM OF THE POLE LIMAS

Twenty quarts of Pole Limas are required to plant an acre in hills 4 x 4 feet. We send **Large Packets of any variety at 10c. each** by mail, postage paid. Half peck and half bushel at peck and bushel rates.

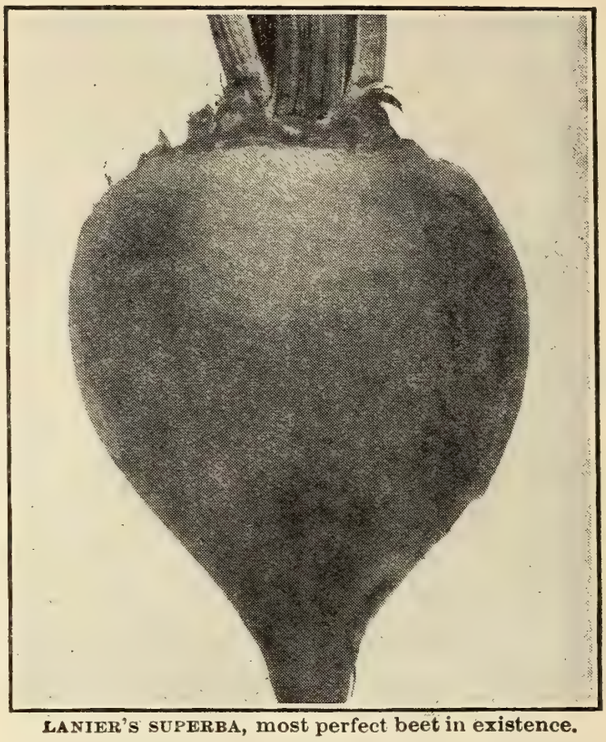
	By Mail, Postpaid.		By Express or Freight.		
	Pint.	Qt.	Qt.	Peck.	Bush.
Large White Lima (extra size). New Jersey grown seed, very productive. Our strain is superior to most others	$0 25	$0 45	$0 30	$1 75	$6 50
King of the Garden. Large, fine pods, productive, beans good size,	25	45	30	1 75	6 75
Pedrick's Large Cluster Lima (Novelty 1908). Deep green, 12 to 13 pods to cluster, 5 to 6 beans to pod. A wonderful producer,	35	60	45	2 50	9 00
Salem Improved Evergreen Lima. Large beans of finest quality,	35	60	45	2 25	8 50
Seibert's Early Lima. The earliest large Pole Lima, easily shelled,	30	50	35	1 85	7 00
Dreer's Improved, or Challenger Lima. Thick beans of fine quality, remaining green in pod a long time	30	50	35	1 85	7 00
Jersey Extra Early Lima. Large, early and productive	30	50	35	1 85	7 00



CROSBY'S IMPROVED EGYPTIAN, the earliest beet.

CROSBY'S IMPROVED EGYPTIAN BEET

This is our leading extra early beet for market gardeners' use; equally good for the home table. It is earlier than the old Extra Early Egyptian, larger in size, smooth, and of the form as shown in our photographic illustration above. It retains its superior quality and does not become woody and tasteless like the old Egyptian when allowed to stand too long. It may be sown outside as late as July. This beet was originated from the Extra Early Egyptian by Mr. Crosby and is a very shy seeder. Our stock is grown from stock seed selected by the originator, and is superior in every way. Price, per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00,by mail, postage paid; by express, lb., 90c.; 5 lbs. and over, 85c. per lb.



LANIER'S SUPERBA, most perfect beet in existence.

LANIER'S SUPERBA BEET

For more than fifty years and until his death, our old friend, William Lanier, one of the oldest and best-known market gardeners near Philadelphia, supplied the early and late markets with the handsomest and most salable beets that could be had, and Lanier's Beets, as they were called, became much sought after by the best commission merchants of New York, Boston and Philadelphia. During all these years Mr. Lanier selected with a critical eye the most perfect beets from each crop for seed stock to plant for his own use. The photograph gives an idea of its beautiful bell shape, between a turnip and a half-long beet. A strong, vigorous grower, producing marketable beets very early, of a dark carmine color and very tender. Price, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

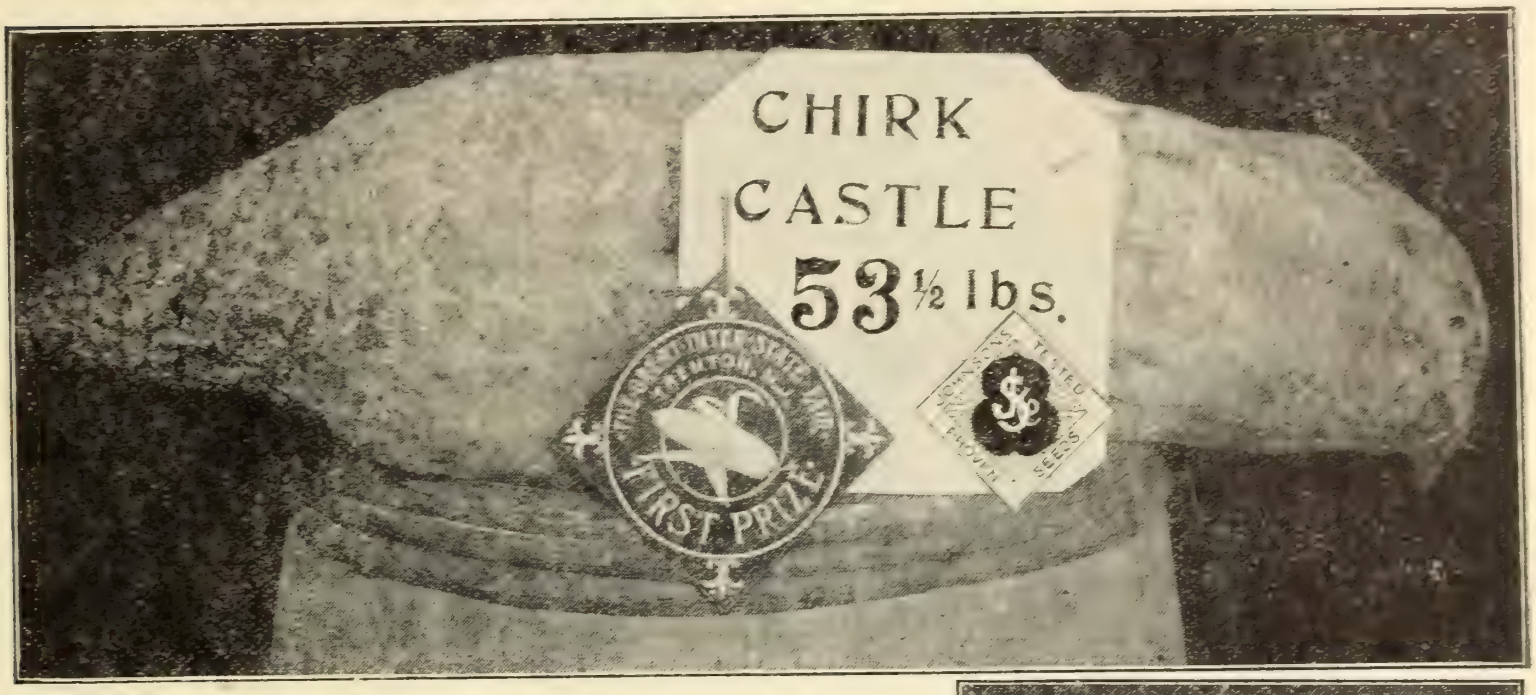
GARDEN BEETS—A Select List of the Best

One ounce of seed will sow sixty feet of drill, five pounds will sow an acre in drills

All varieties in regular large-sized packets, at 5c. per packet.	Per oz.	¼ lb.	Per lb.
Extra Early Egyptian Blood Turnip. A standard early sort with small top	$0 10	$0 20	$0 60
Ruby Dulcet. Fine globe shape, blood-red, small top, finest quality	10	30	1 00
Johnson's Surprise. Extra early, small top, splendid shape and color	10	25	90
Improved Eclipse. A fine round beet of first quality; very early, greatly improved,	10	20	70
New Meteor. Fine round shape, skin dark blood-red, flesh red, very sweet	10	25	80
Crimson Globe. Round, smooth, deep purplish crimson, very sweet	10	20	75
Lentz Extra Early Blood Turnip. Popular market sort, very showy, fine quality,	10	20	60
Bastian's Early Blood Turnip. Very popular, small top, flesh zoned, very sweet,	10	20	60
Early Bassano. Quite early, very sweet, light-colored flesh, fine form	10	20	60
Detroit Dark Red Turnip. Of fine dark color and form; splendid for market	10	30	1 00
Dark Stinson. Very popular with Philadelphia gardeners; good for winter use	10	20	70
Edmands' Early Red Turnip. Fine medium early, deep red, very uniform	10	20	65
Bastian's Half-Long Blood. One of the most popular winter keepers	10	20	55
Long Smooth Blood Red. An excellent, large, very late sort, fine keeper	10	20	55
Swiss Chard, or Silver. Cultivated for leaves, which are used as greens	10	20	60

MARKET GARDENERS, FARMERS' CLUBS AND INSTITUTIONS wanting to purchase seeds in large quantities should write for special prices. Although we have made prices very low in this catalogue, yet where a number of pounds or bushels are wanted, we can frequently supply at a lower price than by the single pound or bushel. In writing, give us a list of quantities wanted, and we will return promptly with our LOWEST COST PRICE. As many crops, such as beets, beans, cucumbers, melons, peas, squashes and other vine seeds, have been extremely short the past season, early orders and inquiries are advisable. Letters will reach us if addressed simply JOHNSON'S SEEDS, PHILADELPHIA.

MANGEL-WURZEL AND SUGAR CATTLE BEETS



CHIRK CASTLE MANGEL-WURZEL BEET

Remarkable for its **handsome, thick, uniform shape** and very **broad shoulders,** its diameter being **greater** and its weight much heavier than Mammoth Long Red, as shown in our photograph above. Flesh is deep red, containing less water and more sugar than any other Mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. It was originated in Scotland, where it has been known to produce 60 tons to the acre. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c., postpaid; by freight or express, lb., 50c.; 5 lbs. (enough for one acre), $2.25; 10 lbs. and over at 40c. per lb.

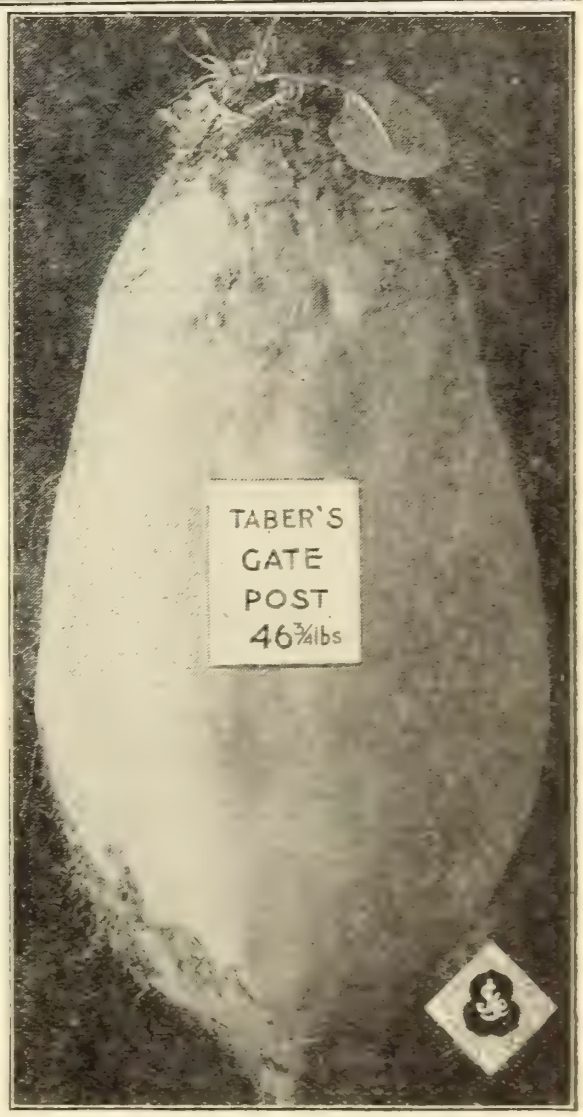
GIANT FEEDING SUGAR MANGEL BEET

A new strain which, while giving as large a yield of easily grown and harvested roots as a crop of ordinary Mangels, supplies a food richer in sugar and of very much higher nutritive value. Roots grow partly out of the ground, and because of this and their shape, the crop can be harvested and stored easily. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c., postpaid; by express, lb., 50c.; 5 lbs., $2.25.

TABER'S GATE-POST

The Largest and Best Yellow Mangel

Originated by Mr. Taber, the prominent English seed grower. Since its introduction in England and in this country, a few years since, has rapidly popularized itself, and is pronounced by leading farmers the most useful Mangel that can be grown. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2,000 to 2,500 bushels to the acre. Our seed of this now famous sort is grown for us by the originator in England. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c., postpaid; by freight or express, lb., 45c.; 5 lbs. for $2.00; 10 lbs. or more, 35c. per lb.

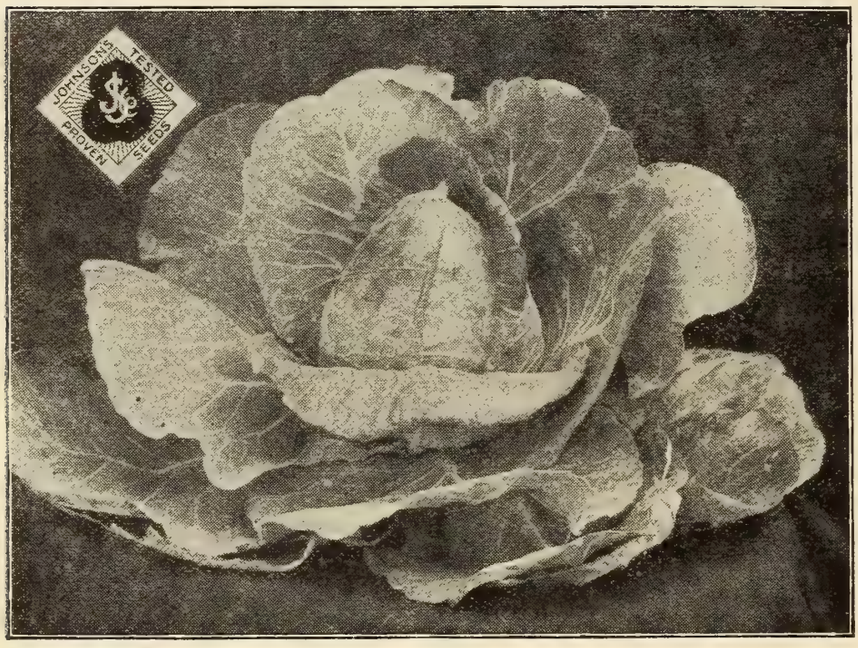


All varieties in regular large-sized packets, at 5c. per packet.
If ordered in 5-lb. lots, 5c. per lb. may be deducted.

	Per oz.	¼ lb.	Per lb
Mammoth Long Red Mangel. Sometimes called **Jumbo, Norbitan Giant,** and **Colossal.** The old variety, extensively grown for stock feeding	$0 10	$0 15	$0 40
Golden Giant Intermediate (Yellow Leviathan Mangel). Grows more than half above ground; flesh white, firm, sweet, very popular	10	15	45
Champion Yellow Orange, or Globe. Heavy cropper; succeeds on light land . .	10	15	45
Golden Tankard Mangel. Broader than Mammoth Long Red; hardy and early,	10	15	45
Giant Half Sugar Rose. A cross of the Mammoth Red Mangel and Improved Sugar Beet, containing more sugar than other Mangels; large and smooth . .	10	15	45
Lane's Improved Imperial. An improvement on the French Sugar Beet. Hardier, more productive, yielding thirty-five to forty tons per acre	10	15	45
Red Top White Sugar Beet. The old variety, largely grown for stock feeding.	10	15	45

High-Bred American Grown Cabbage Seed

To gardeners generally no vegetable is of greater importance than the cabbage ; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best that can be grown, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago and other large cities.



JOHNSON'S VERY EARLIEST CABBAGE. 10 days earlier than Early Jersey Wakefield. See colored plate on back, this book.

JOHNSON'S VERY EARLIEST CABBAGE

The Earliest and Hardest Heading of All First Early Cabbages

For over 20 years has this splendid cabbage been one of our leading specialties. It has steadily grown in favor and is to-day the standby of many of our best friends. No words of praise can be written that would recommend this most desirable cabbage too highly. It is ten days earlier than Early Jersey Wakefield, and is unsurpassed in fine quality, great beauty and vigor of growth. With it you can command the early market in your neighborhood. The heads are slightly conical, large, solid and remarkably uniform. Price, pkt., 15c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50; 2 lbs., $6.50; 5 lbs. and over, at $3.00 per lb.

Johnson's Extra Selected Early Jersey Wakefield Cabbage

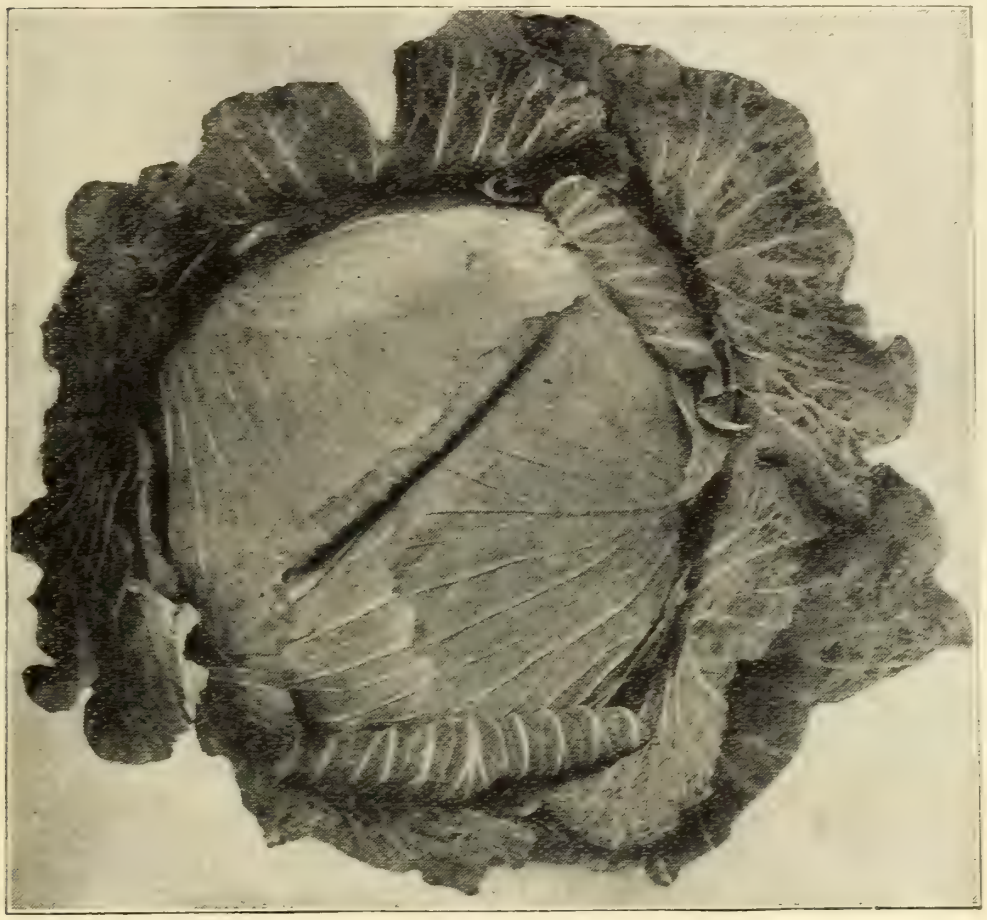
While this sort is not so early as Johnson's Very Earliest, it will be found to be the very best conical headed sort to come in immediately after it. It heads up remarkably hard and solid, with but few outside leaves, which are unusually thick and heavy, enabling it to stand cold weather without injury when carried through the winter either in the open ground in the South or in cold frames in the North. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.50.

An Ideal List of Early and Summer CABBAGES
JOHNSON'S STANDARD STRAINS

	American Grown Seed.		
	Per oz.	¼ lb.	Per lb.
Large packets of the following varieties, 10c. each.			
Johnson's Quick Cash. Earliest and hardiest flat-headed cabbage. A perfect wonder in earliness and fine quality. Heads firmly at an early stage	$0 35	$1 00	$3 50
Johnson's Ever Ready. Very early and solid from the start. See page 7 . . .	45	1 25	4 50
Earliest Etampes. An extra early small French sort, with pointed heads . . .	20	50	1 75
Johnson's Thunderhead. Wonderful, new second early. See Novelties, page 6,	50	1 50	5 50
Charleston, or Large Wakefield. About a week later than Jersey Wakefield . .	25	70	2 50
Early Danish Round Head. Earlier than Danish Ball Head; of the short-stemmed type, wonderfully solid, hard, crisp and tender	40	1 25	4 00
Early Winnigstadt. (Grown from Prussian Prize Stock.) Those intending to plant this variety will find our strain superior in earliness, size and solidity . .	20	45	1 65
All Head Early. A flat head, coming in with Early Summer; much larger . . .	20	60	2 25
Early Flat Dutch. We offer a remarkably fine strain; a sure, solid header . . .	20	45	1 75
Henderson's Early Summer. A most popular and superior second early sort . .	20	45	1 75
All Seasons (Vandergaw). One of the finest, growing to a large size quickly . .	20	50	1 75
Henderson's Succession. An excellent second early ; on style of All Seasons . .	20	55	2 00
Louisville Early Drumhead. Dark, bluish-green color; popular in the Southwest,	20	50	1 75
Fottler's Improved Flat Brunswick. Large, solid heads ; fine for early or late,	20	50	1 75

Johnson's Market Gardeners' No. 2 Cabbage

A FLAT-HEADED CABBAGE, COMING IN WITH WAKEFIELD AND PRODUCING DOUBLE THE CROP OF ANY OTHER EXTRA EARLY



JOHNSON'S MARKET GARDENERS' NO. 2 CABBAGE.

In this, the most perfect and uniform cabbage in existence, we have also the **earliest and most compact of all large cabbages.** It receives nothing but praise from Maine to California, and is pronounced by prominent gardeners everywhere the very best of all large early cabbages, either for Summer or Winter use. In it we have a cabbage so hardy and vigorous that it can be set earlier than Jersey Wakefield or Early Summer, and will produce fine, solid, marketable heads, more than twice as large as Jersey Wakefield, and one-half again as large as Early Summer, and comes in as early as Large Wakefield and fully a week earlier than Early Summer or any other variety of its size or class. When planted for a Fall or Winter crop there is no other cabbage which will withstand the Summer sun so well and is so sure to form large, deep, solid heads which keep perfectly all Winter. Choicest seed of our own selection and growth. Pkt., 15c.; oz., 30c.; ¼ lb., 85c.; lb., $3.25; 5 lbs. and over, $3.00 per lb.

Louderback's All the Year Round Cabbage

This cabbage, originated by Daniel Louderback, has for many years been the standard early round-headed cabbage with Philadelphia gardeners, who prefer it to Early Summer and similar sorts, the originator frequently getting as high as $10.00 per pound for his seed. It is not only the finest early Drumhead in cultivation, but is equally as good for **second and third early, intermediate and late,** heading large, compact and solid at all seasons. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

GENUINE DANISH BALL-HEAD CABBAGE

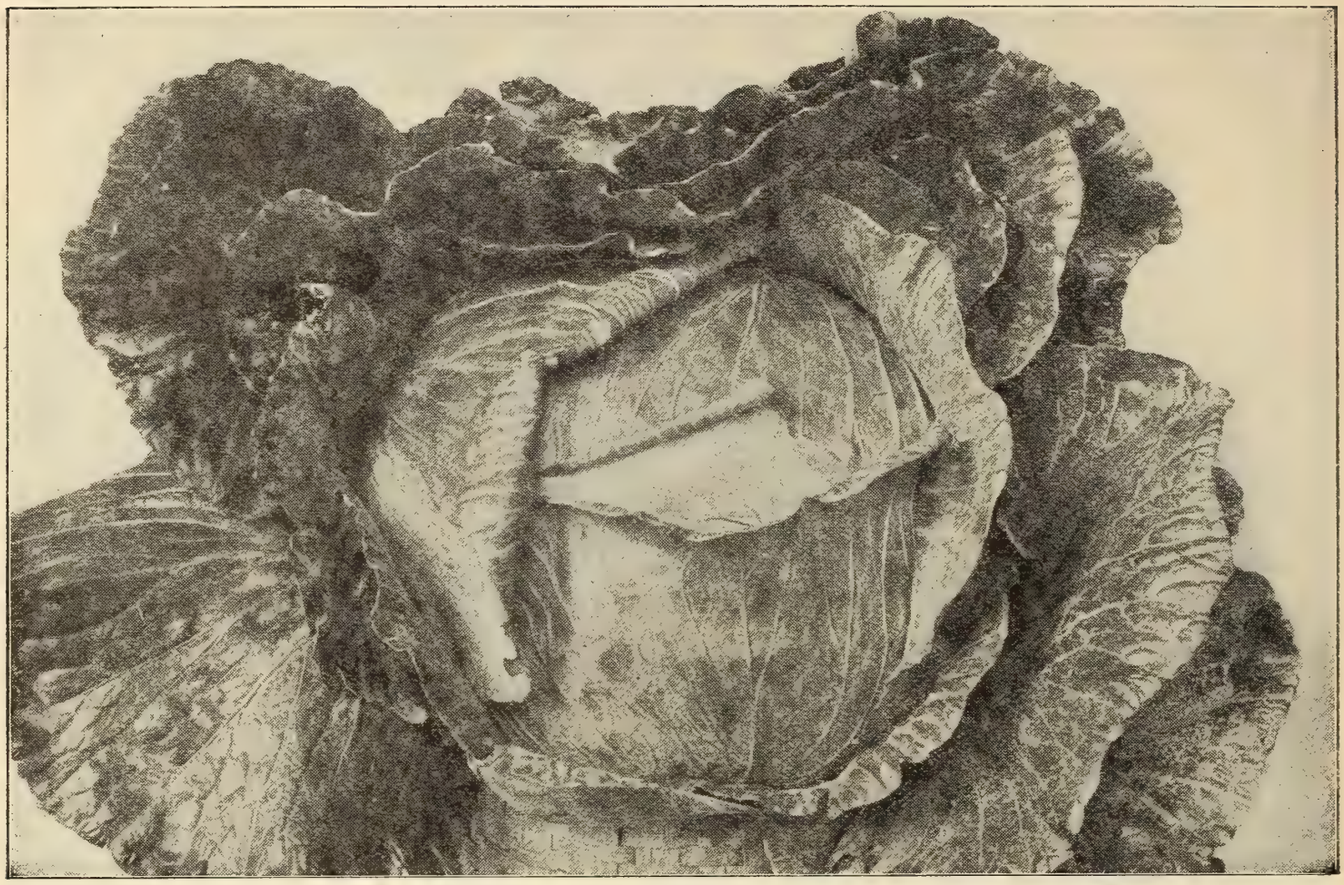
Seed Grown by the Originator in Denmark

An extremely hardy imported cabbage, which is growing in popularity in America, having proven itself one of the very best Winter sorts. It is a very sure header, very solid and heavy, an extra good keeper and good seller. It is medium to late, but is generally grown as a late crop. The heads are not extra large, and without many outer leaves, so that it can be grown in close quarters. It has excellent keeping qualities, and comes out of the pit in March or April as fresh as when it was put in. It is the best cabbage to raise where it is sold per ton or by weight, as its solidity is not equalled by any other cabbage in the list. Prices: pkt., 10c.; oz., 35c.; ¼ lb., $1.00; lb., $3.50; 2 lbs., $6.75.

A NEW GERMAN CABBAGE

which we propose to introduce in 1911. Trial packets now free with all orders of $2.00 or over. See page 7.

DANISH BALL-HEAD CABBAGE.



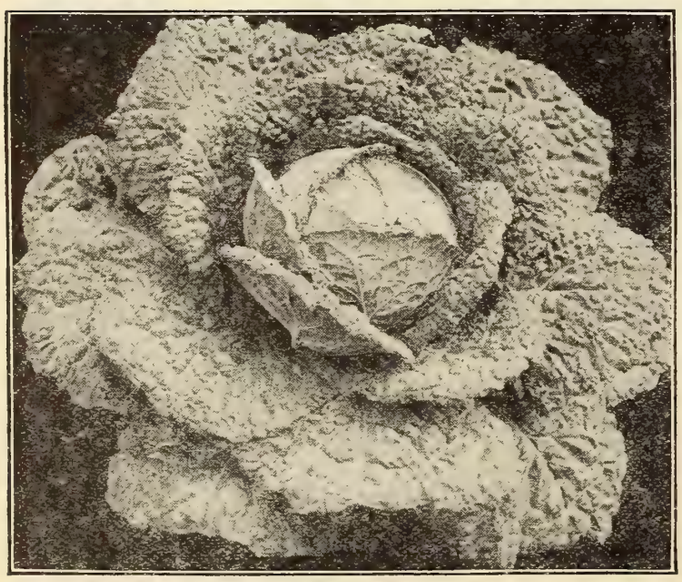
JOHNSON'S MATCHLESS LATE FLAT DUTCH CABBAGE

The largest, handsomest, most uniform and solid of all late sorts, pronounced by experienced cabbage growers the finest strain of late cabbage in the world. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.40.

An Ideal List of Standard Late or Winter CABBAGES

All varieties in regular large-sized packets at 10c. per packet.

	Per oz.	¼ lb.	Per lb.
Danish Ball Head Winter. (See cut, previous page.) Very round solid head, withstands drought and succeeds on poor soil	$0 35	$0 90	$3 25
Surehead. (Original seed.) Strong, vigorous; very uniform; large and solid	20	50	1 75
Rockhead Winter. Large, perfect shape, sure header and long keeper	20	60	2 25
Short Stem Drumhead. *Surpasses* the old Late Drumhead, ripening *earlier*	20	55	1 85
Large Late Drumhead. Old favorite winter sort; valuable for main crop	20	45	1 65
Premium Flat Dutch. Largely grown for main crop; a favorite for winter market,	20	45	1 65
Improved Red Dutch Erfurt. Very hard heads; deep blood color; for pickling,	20	55	2 00
Mammoth Red Rock. Largest, hardest heading and best red cabbage	20	55	2 00
Johnson's Hard Heading Savoy. The best flavor, equal to cauliflower. See cut,	25	75	2 75



JOHNSON'S HARD HEADING SAVOY CABBAGE. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.75.

BRUSSELS SPROUTS, or MINIATURE CABBAGE

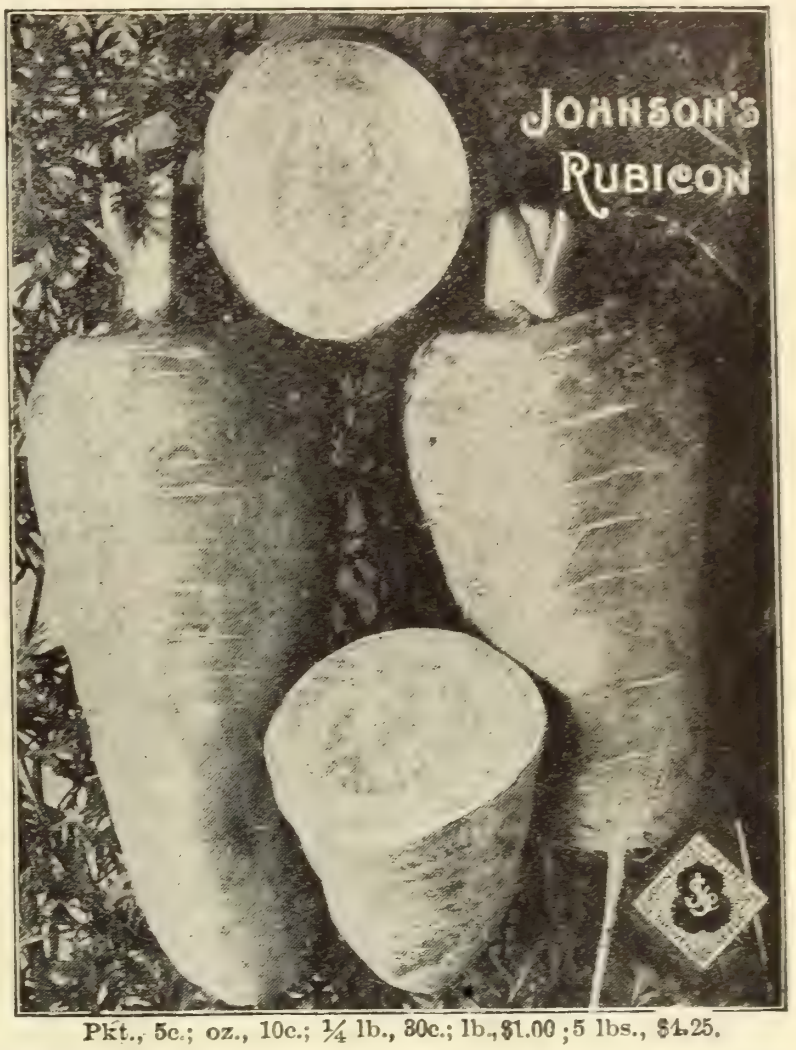
If more widely known, the Brussels Sprout would be as popular as it is valuable; few people appreciate its full worth as a winter vegetable. The small cabbages grow on stalks in great profusion. It is not the least affected by frost, and equal to cauliflower in flavor.

IMPROVED HALF-DWARF, or PARIS MARKET. The most productive and hardiest variety, bearing fine, handsome, solid sprouts, growing closely on the stalk and of finest quality. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.60.

BRUSSELS SPROUTS.

LONG ISLAND STRAIN. Compact sprouts, largely grown for New York markets. Pkt., 10c.; oz., 25c.; ¼ lb., 65c.; lb., $2.40.

JOHNSON'S ALABASTER. Pkt., 25c.; oz., $3.00; ¼ lb., $11.00.



Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00; 5 lbs., $4.25.

CAULIFLOWER

One ounce will produce about fifteen hundred plants and sow about forty square feet. One-half ounces and one-half pounds furnished at ounce and pound rates.

	Per pkt.	Per oz.	¼ lb.	Per lb.
Johnson's Early Alabaster. One of the best cauliflowers in cultivation; easiest grown, surest header and earliest. See photograph above . . .	$0 25	$3 00	$11 00	$40 00
Gilt Edge Early Snowball. Extra fine stock. For forcing under glass during winter and early spring, or for planting later in the open ground,	25	2 25	7 00	25 00
Pearl of Denmark. The latest novelty from Denmark.	30	5 00		
Extra Early Dwarf Erfurt (Extra Selected). For forcing or open ground,	25	2 25	7 00	25 00
Danish Dry Weather. Almost as early as Snowball, with larger heads .	25	3 00	11 00	40 00
Extra Early Paris. Heads of medium size; first-class, sure header	10	65	2 25	7 00
Lenormand Short Stem. Has very large heads; white, firm and late . .	10	60	2 00	6 50
Large Algiers. Market gardeners' popular late sort; enormous size . . .	10	65	2 25	7 00
Veitch's Autumn Giant. Vigorous in growth, very large and late . . .	10	50	1 75	5 50

CARROTS—For the Table and Stock Feeding

One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

All varieties in regular large-sized packets, at 5c. per packet.

	Extra Clean Rubbed Seed.		
	Per oz.	¼ lb.	Per lb.
Rubicon Half-Long Orange. The best and most popular half-long carrot. Earlier than Danvers, heavier and thicker at the shoulders, as shown in our photograph above, making it more productive; the leaves are also shorter and finer. A wonderfully heavy cropper, producing from 30 to 40 tons to the acre under good culture. 5 lbs. and over, 85c. per lb., by freight or express	$0 10	$0 30	$1 00
Improved Danvers. (Improved American Strain.) Top small; color rich orange; shape, *handsome and smooth;* superior quality; valuable also to grow for feeding stock, being well adapted to all soils. 5 lbs. for $3.25, by express,	10	25	85
New French Market. (French seed.) Fine deep orange color, beautiful, smooth, distinct, half-long shape, free from core Heavy cropper and a great keeper,	10	25	80
Early Scarlet Horn. (Short Horn.) Old standard and favorite early sort . .	10	25	75
Ox-Heart, or Guerande. Early, short, thick, very smooth and handsome . . .	10	25	70
Early Half-Long Scarlet, Pointed. Very productive and handsome, fine quality,	10	25	80
Chantenay. (Stump-rooted.) Similar to the old French Nantes carrot . . .	10	25	85
Saint Vallery, or Intermediate Red. Rich red color; late, thick and smooth,	10	25	75
Long Orange. (Improved.) Well-known standard sort. 5 lbs., $2.75, by express,	10	20	70
Nichols' Long Orange. Much earlier than old Long Orange, shorter top; color, deep orange red. Perfectly smooth. 5 lbs. and over, 65c. per lb. . .	10	25	80
Large White Belgian. For cattle feeding; very productive and large	10	20	60
Large Yellow Belgian. Differing from above in color; a fine late keeper . . .	10	20	70

Paris Golden Self-Blanching Celery

Johnson's XXX Strain

This most valuable of all celeries, for either the amateur or market gardener, is grown and selected for us by the originator in France as **Johnson's XXX Strain.** It is remarkably early, entirely self-blanching, with large, beautiful golden yellow heart, very crisp, solid and nutty. A fact that speaks for itself is that we received orders for over 650 lbs. of the seed last season from some of the largest celery growers in the United States, men who make celery practically their only crop, and who therefore can afford to take no chances on their most important crop.

Price, pkt., 15c.; oz., 50c.; ¼ lb., $1.25; lb., $4.75.

If you grow celery you cannot afford to be without our **New Leaflet-Essay on Celery Culture,** sent free to all purchasers, when requested, with the order.

Paris Golden Self-Blanching Celery, Johnson's XXX Strain. Pkt., 15c.; oz., 50c.; 1-4 lb., $1.25: lb., $4.75.

IMPORTANT TO CELERY GROWERS

See the three fine new Celeries, **Johnson's Manhattan, Silver Self-Blanching** and **New Columbia,** described and illustrated on page 8.

Winter Queen Celery

Popular Late Celery

Since the introduction of this very valuable celery seven years ago, it has become the most popular of all as a late winter keeper, frequently being seen and selling at high prices in the month of May, after all other celeries are done. It is much stouter, thicker and heavier; of stocky, robust habit, with double the amount of heart of other sorts. Ribs blanch to a creamy white, solid, crisp and of nutty flavor. (See photograph.) Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.50.

Johnson's Perfected White Plume Celery

The Earliest Celery

Easiest to grow as it blanches without even earthing up. Our extra selected and perfected market garden strain is entirely free from green celery found in most other strains of this important sort. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

IF UNDECIDED what to select, with no time to wade through the catalogue, TURN TO PAGE 19. You will find a list of STANDARD VARIETIES GUARANTEED TO GIVE SATISFACTION FOR AN AVERAGE GARDEN.

WINTER QUEEN CELERY. The best late standard sort.

The Best of the Standard CELERIES

One ounce will produce about 2500 plants and sow about 200 feet of row.
Large packets, 10 cents each, except where noted.

	Per oz.	¼ lb.	Per lb.
Johnson's Golden Self-Blanching (American Seed). Many gardeners are planting their entire crops with our superior strain of this variety	$0 35	$1 00	$3 25
Johnson's New Cremona. Sport from Winter Queen; fine late keeper; easily grown.	25	75	2 50
Giant Pascal. Popular green sort, very brittle, crisp and nutty in flavor; pkt., 5c.,	15	45	1 65
New Columbia. (See page 8.) Early, showy, and superior quality. Stalks resemble in shape Giant Pascal, with rich yellow tint of Golden Self-Blanching,	35	90	3 25
Perle le Grand. Popular, large, green celery, for early and late use; pkt., 5c. .	15	50	1 75
Golden Dwarf, or Golden Heart. Fine, large, solid, waxy-golden heart; pkt., 5c.,	15	50	1 75
Perfection Heartwell. Large heart; superior quality; excellent for winter; pkt., 5c.,	15	45	1 65
Schumacher. Immense size; solid, crisp; firm golden-yellow heart; late keeper.	15	50	1 75
Myers' Quick-Growing White Plume. Selected and improved by Myers & Bowman, well-known Phila. market gardeners; very early, large and handsome,	25	75	2 75
Soup or Flavoring Celery. (*Old Seed.*) Used for flavoring soups, stews, etc. . .	5	10	25
CELERIAC, or Turnip-Rooted Celery. Extra Large Smooth Prague. Pkt., 5c.,	15	40	1 50

CHIVES

Hardy and perennial members of the onion family, grown exclusively for their tops. Roots, per bunch, 25c., by mail, postpaid.

COLLARDS (COLEWORT)

Largely used as "greens," especially in the South. A form of the cabbage, bearing new leaves as the old ones are pulled off.

GEORGIA. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

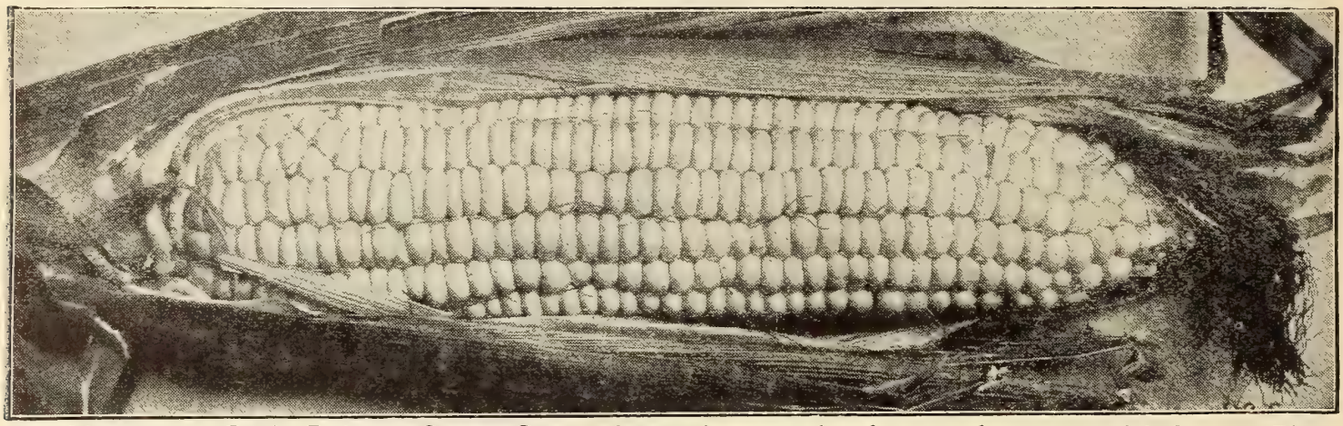
CRESS

EXTRA CURLED. (*Pepper Grass.*) Fine flavor; will cut several times. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

TRUE WATER CRESS. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., $3.00.

CORN SALAD, or FETTICUS

BROAD LEAVED (LARGE SEEDED). A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.



Mammoth Early Epicure Sweet Corn. A superior second early; very large ears, rich flavor. Pkt., 10c.; pint, 20c.; qt., 35c., postpaid; qt., 25c.; peck, $1.25; bush., $4.50, by express or freight.

SWEET CORN Eastern grown seed, arranged in the order of maturity Large packets, 10c. each	Postpaid.		By Express (not prepaid)		
	Pint.	Qt.	Qt.	Peck.	Bush.
STANDARD EXTRA EARLY VARIETIES					
Adams' Extra Early. Not sugar corn; small ears for early use..	$0 15	$0 25	$0 15	$0 80	$2 90
Burlington Hybrid. Most profitable for market; resembles sweet corn; nearly as early as Adams', with ears as large as Evergreen,	20	30	20	85	3 00
Early White Mexican. Quality similar to old Black Mexican....	20	30	20	1 00	3 40
Early Cory, or First of All. Very early, with fair-sized ears....	20	30	20	1 00	3 75
Holmes' Premo. Large ear; 60-day corn; very sweet and hardy,	20	30	20	1 10	4 00
New Mammoth White Cory. A selection from the old White Cory, which it has displaced; fully as early, with larger ears.....	20	30	20	1 10	4 00
New Early Champion. Ripens ahead of Crosby's; larger ears..	20	30	20	1 10	4 00
Kendel's Early Giant. Large, handsome ears; ready in 70 days,	20	30	20	1 10	4 00
Crosby's Extra Early. Fair-sized ears; of excellent quality....	20	30	20	1 10	4 00
SECOND EARLY AND GENERAL CROP VARIETIES					
Shaker's Early. Very large, white grain; early and productive..	20	30	20	1 10	4 00
New Early Evergreen. Ears as large as Stowell's; 10 days earlier	20	30	20	1 10	4 00
Stowell's Evergreen. Original stock as introduced by Mr. Stowell,	20	30	20	1 00	3 50
Johnson's Five-Eared Sugar. (Novelty 1909.) See page 9....	35	60	50	2 50	
Country Gentleman. (Improved strain.) Sweetest of all	20	35	25	1 25	4 50
Shoe Peg, or Ne Plus Ultra. Small ears, with very irregular rows,	20	35	25	1 15	4 25
Late Mammoth. The largest ears of all, rich, sweet and superior,	20	30	20	1 10	4 00

PEEP O' DAY SWEET CORN.

NEW SWEET CORN—CONNECTICUT BEAUTY

A new variety, combining earliness, large size of ear and fine quality. Ears, 6 to 7 inches long, very showy and attractive with 10 to 12 rows of large, deep grains of the finest flavor. Pkt., 10c.; pint, 20c.; qt., 35c., by mail, postpaid; by express or freight, qt., 25c.; 4 qts., 75c.; peck, $1.25; bush., $4.50.

PEEP O' DAY SWEET CORN

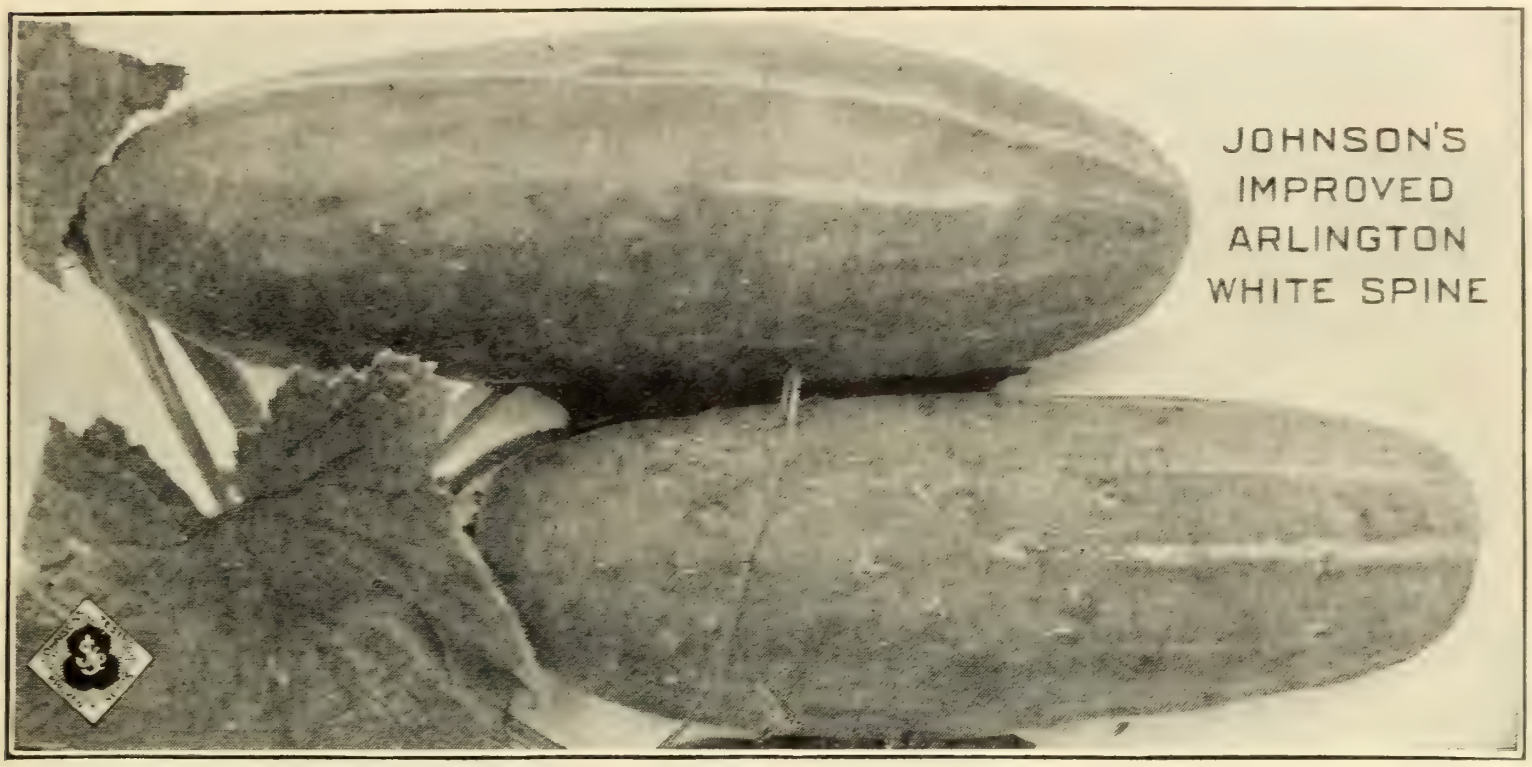
The two points of this new corn are its extraordinary earliness and sweetness. It is also very productive, the stalks bearing from two to three ears each, and are very dwarf, which admits of their being planted close together. Pkt., 10c.; pint, 20c.; qt., 30c., postpaid; by express, qt., 20c.; peck, $1.15; bush., $4.00.

GOLDEN BANTAM SWEET CORN

This new corn is very early, hardy and sweet. Grains, when dry, a deep yellow color. On our trial grounds it gave two good ears to the stalk. Pkt., 10c.; pt., 25c.; qt., 45c., postpaid; by express or freight, qt., 35c.; peck, $1.50.

POP CORN FOR THE BOYS

Queen's Golden, White Rice, Silver Lace and Mapledale Prolific are the best. Each variety, ears, 10c. each, shelled; pkt., 10c.; pint, 20c., postpaid; lb., 15c.; 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., 6c. per lb., by express.



Johnson's Improved Arlington White Spine Cucumber—Extra Select

An improvement over all other strains of White Spine. The vine is very hardy, and its earliness has been developed until the first fruit is ready for shipment a week or more in advance of others. The color is a clear, rich green, brilliant and permanent to an extraordinary degree. In productiveness it ranks first. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.60, postpaid; by express, lb., $1.50; 5 lbs. and over, $1.40 per lb.

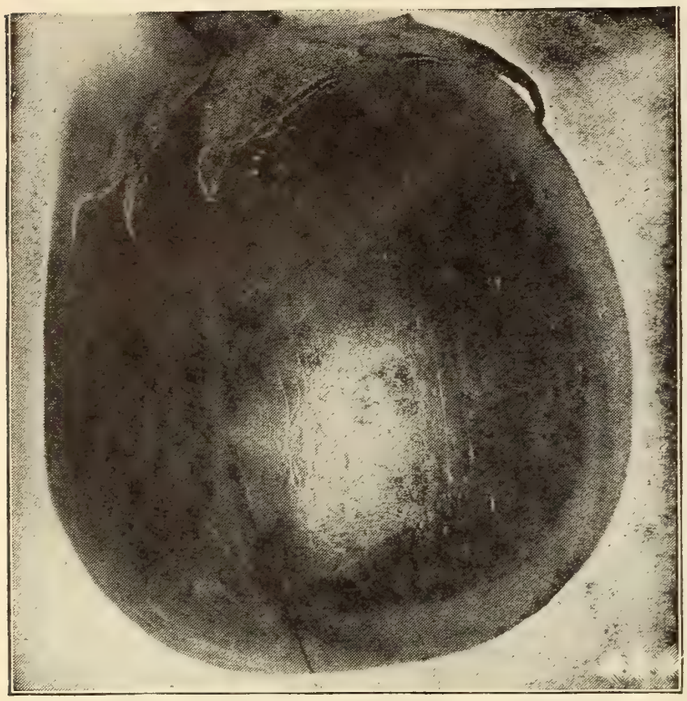
CUCUMBERS

One ounce will plant about fifty hills, two pounds will plant one acre. Large packets, 5c. each.

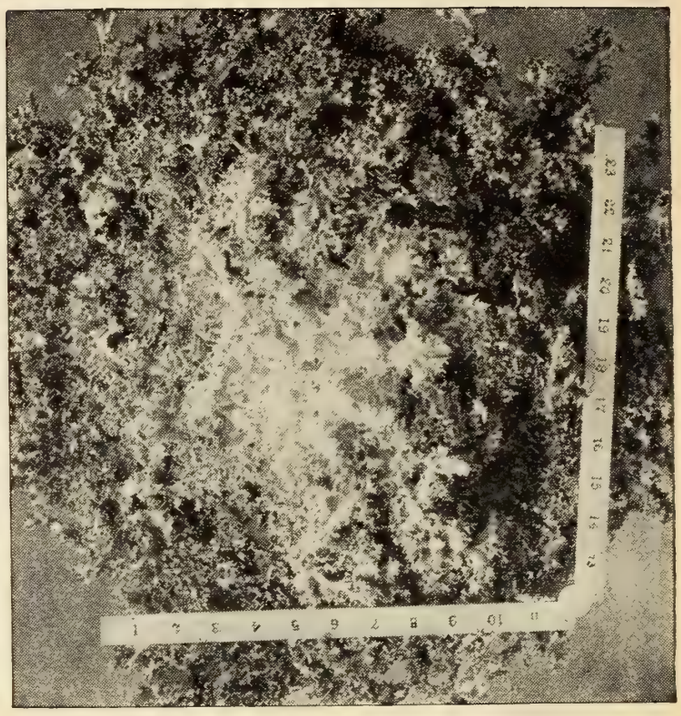
	Per oz.	¼ lb.	Per lb.
Peerless, or Improved White Spine. A fine strain; very early and handsome	$0 10	$0 30	$1 00
Evergreen White Spine. Retains its deep green color in all stages of growth	10	35	1 20
Perfected White Spine. Old standard for market and shipping	10	35	1 25
Coy's Early Cyclone. The earliest White Spine by 3 weeks. Wonderfully prolific,	10	35	1 25
Johnson's Hot-House Forcing. Seed from hot-house-grown cucumbers. Something extra good; equally valuable for growing outside. Pkt., 10c.	45	1 35	4 75
Davis' Perfect. For forcing or outdoors. Very productive, handsome shape and color	15	45	1 50
New Klondike. Early, prolific, attractive, dark green; crisp. Fine for market,	10	35	1 10
Early Frame, or Short Green. For slicing or pickling; productive and early	10	35	1 10
Westerfield's Chicago Pickle. One of the best pickles; very popular West	10	35	1 20
Nichol's Medium Green. Thick through; full ends; for slicing or pickling	10	35	1 20
Green Prolific, or Boston Pickling. Dark green; uniform small size; productive,	10	35	1 15
Improved Long Green. (Jersey Pickle.) Dark green; crisp and productive	10	35	1 20
Johnson's Perfected Jersey Pickle. New and fine. The best pickle. See cut	15	45	1 40
New Cumberland. Very prolific, fine for pickling or slicing	10	30	1 00
Fordhook Pickling. Excellent new sort, but not equal to Johnson's Perfected	15	35	1 25
Giant of Pera. Grows 1 to 1½ feet long; one of the best for table use	15	45	1 40
West India Gherkin, or Burr. Small; prickly fruits; best for small pickles	15	45	1 60

DAVIS' PERFECT CUCUMBER.

JOHNSON'S PERFECTED JERSEY PICKLE.



IMPROVED BLACK BEAUTY EGG PLANT.
Fruits thick and perfect in form. Skin rich purplish black. Pkt., 10c.; oz., 40c.; ¼ lb., $1.25; lb., $4.00.



MAMMOTH GREEN CURLED.
The largest and best Endive, much superior to the old Green Curled. Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., $1.50.

EGG PLANT—Choice New Jersey Grown Seed

One ounce will produce 1,000 plants. **Large packets, 10c. each.**

	Per Oz.	¼ Lb.	Lb.
New York Improved Large Purple, Spineless. The old standard sort	$0 35	$1 00	$3 50
New Jersey Improved Large Purple. Largest and finest of late Egg Plants	35	1 00	3 50
Improved Black Beauty. Fine new sort; handsome shape, hardy, thrifty, well-rounded bushes, giving 10 to 20 perfect fruits, which never turn gray	40	1 25	4 00
Johnson's Northmount. The earliest and hardiest of all large smooth purple Egg Plants. See Novelties, page 8. Per pkt., 20c.; ½ oz., 75c	1 25	4 00	

ENDIVE, or Chicory

One ounce will sow fifteen feet of drill and will produce about three thousand plants. **Large packets, 5c. each, except where noted.**

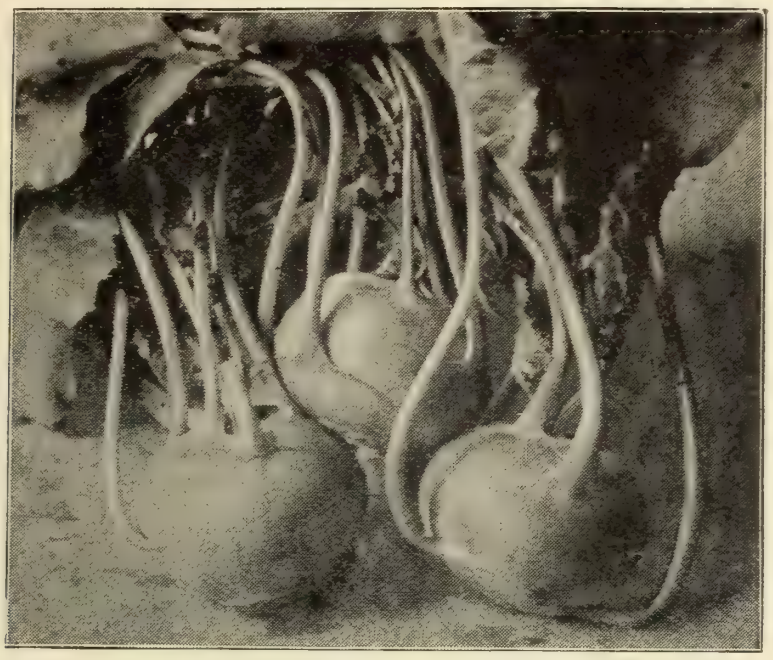
Mammoth Green Curled. Leaves very crisp, tufty and full. Mid-rib is pure white, with large, white heart, fleshy and tender. Equally suitable for spring, summer or autumn planting. Pkt., 10c.	20	45	1 50
Broad Leaved (Escarolle). Large and sweet, for fall and winter. Popular South,	15	40	1 25
Giant Green Fringed, or Oyster. Very handsome and tender. Used largely by restaurants to decorate oysters. Easily blanched by tying in center	15	45	1 50
Ever-White Curled. A very attractive and choice salad, with yellow mid-rib	15	40	1 40

DANDELION—Sow early in drills eighteen inches apart.

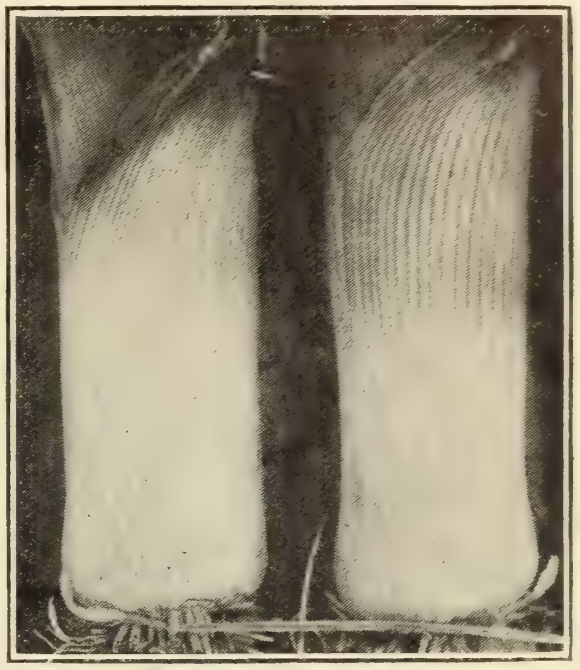
Improved Large, or Thick Leaved. A very early spring salad. Pkt., 10c.	60	1 50	

GOURDS—Large Packets, 10c. each

Luffa, or Dishcloth. A vegetable dishcloth, a sponge and bath brush combined. Fruit grows about 2 feet in length. Vine grows to a height of 20 to 25 feet	35	1 00	
Dipper. Capacity varies from a pint to a quart, with handles 6 to 12 inches long. Convenient for dipping hot liquids, etc. Pkt., 10c.	25	75	2 75
Japanese Nest-Egg. These exactly resemble the eggs of hens, making a capital nest-egg. A rapid-growing climber. Pkt., 10c.	25	75	
Sugar Trough. Very useful for baskets, dishes, buckets, etc. Hard, thick shells, capable of holding from two to ten gallons each; plant grows rapidly. Pkt., 10c.	25	75	
Fine Mixed. A collection of the most ornamental, including the above. Pkt., 10c.	40	1 25	



SMOOTH WHITE SHORT-LEAVED—THE BEST KOHL-RABI.



NEW GIANT ITALIAN LEEK.

KOHL-RABI OR TURNIP-ROOTED CABBAGE

One ounce will sow one hundred and fifty feet of drill.
Large packets, 10c. each, postpaid.

	Per oz.	¼ lb.	Per lb.
New Smooth White. Very Short-Leaved. Extra fine for table or market. Superior to White Vienna, very early and best for forcing or outside growth,	$0 30	$0 80	$3 00
New Smooth Purple. Very Short-Leaved. Differs from above only in color,	30	80	3 00
White Vienna. Very early, short-leaved, delicate, handsome and tender.....	25	70	2 50
Early Purple Vienna. Similar to above except in color, which is bluish purple,	25	70	2 50

KALE OR BORECOLE

One ounce will produce about two thousand plants.
Large packets, 5c. each, postpaid.

New Imperial, or Long Standing. Slow seeder, hardiest for gardeners; superior to all other sorts in vigorous habit; bright green color.....	10	20	65
Philadelphia Green Curled Scotch. Height, 2 feet. Popular Philadelphia strain,	10	20	60
Extra Dwarf Green Curled Scotch. Height, 18 inches. Popular South.....	10	25	70

LEEK

One ounce will sow one hundred feet of drill, and produce about one thousand plants.
Packets, 5c. each, by mail, postpaid.

New Giant Italian. The largest and best of all. Very hardy, with distinct, dark-colored leaves; mild in flavor, like the Italian Onions; fine keeper. See cut..	15	50	1 50
Large American Flag. Very large, hardy and productive; popular for market..	10	30	1 00
London Flag. Old sort, smaller and inferior to the new large varieties.....	10	30	90
Monstrous Carentan, or Scotch Champion. (Musselburg.) Very large....	15	40	1 25

HORSE RADISH ROOTS.

HORSE RADISH

Horse radish is grown from young roots or sets, which should be planted out in the spring. They will form a large-sized radish, fit for use in one season's growth. **Common variety** roots, per dozen, 20c.; per 100, 75c., postpaid (50c. per 100; $3.00 per 1,000, by express). Write for special prices in large lots.

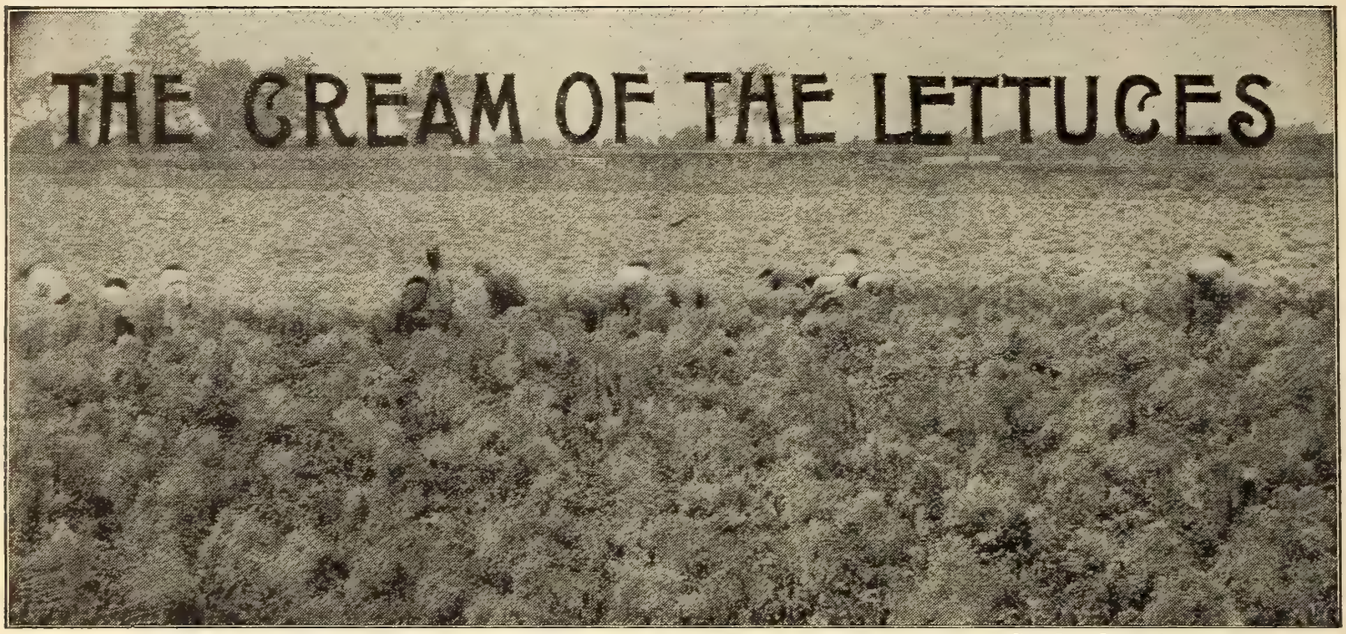
MALINER KREN—A New Horse Radish from Bohemia

This new sort was brought from Bohemia by Mr. Fairchild, Agricultural Explorer for the office of Plant Introduction of the United States Department of Agriculture.

The roots grow to a very large size, perfectly white, and suited to almost any soil. Roots set in April will yield a large crop in October. Grows much more rapidly than the old variety, and its flavor is the very best; especially is the difference noticeable in early fall, when the old variety would be too green for use. It is a profitable crop for the farmer, and should be planted in every home garden, as it can be grown as easily as potatoes or corn, simply by sticking down the cuttings in rows, cultivating same as cabbage, and plow out in the fall or spring, same as potatoes, parsnips or carrots. SMALL ROOTS, ready for planting: 25c. per dozen, or $1.50 per 100, by mail, postpaid. By express or freight, not prepaid: Larger size, $1.00 per 100; $7.00 per 1,000.

GARLIC

The sets should be planted in spring. Cultivate same as onions. Sets, per ¼ lb., 15c.; lb., 40c., postpaid; by express, lb., 30c.; 10 lbs. and over, 25c. per lb.



HARVESTING THE SEED FROM A FIELD OF OUR MAMMOTH SALAMANDER LETTUCE. See head next page.

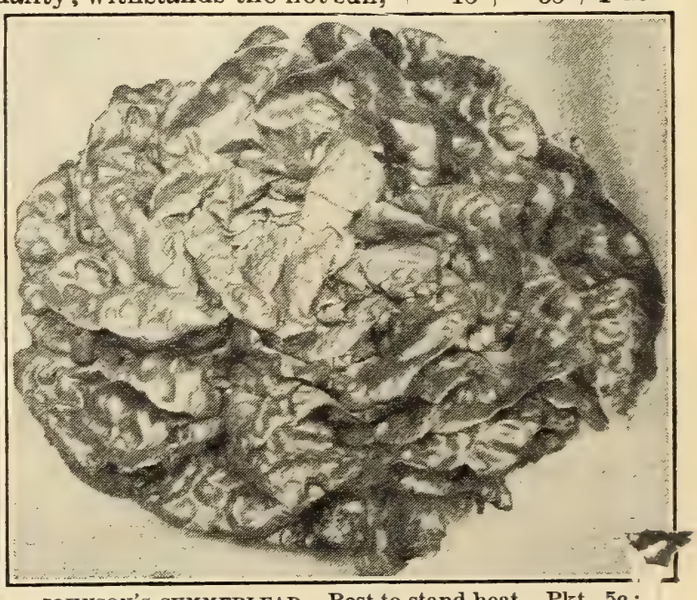
Cabbage or Heading Varieties of LETTUCE

One ounce will sow about one hundred square feet and produce three thousand plants.

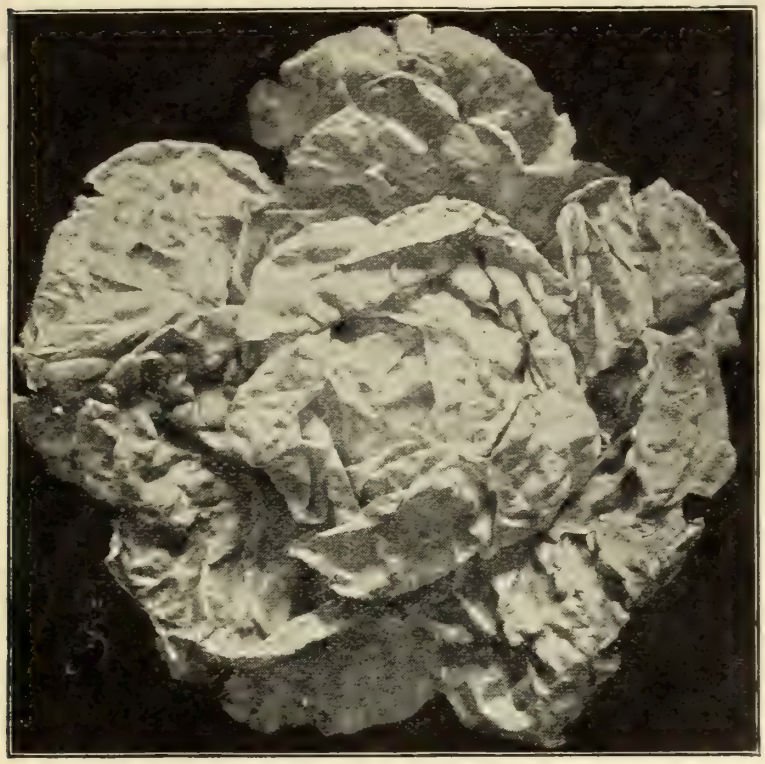
All varieties in regular large-sized packets at 5c. each per packet.

	Per oz.	¼ lb.	Per lb.
White-Seeded Tennis Ball, or Boston Market. A well-known forcing sort . .	$0 10	$0 30	$1 00
Arlington Tennis Ball. Improved strain; saved from plants started under glass,	20	50	1 60
Johnson's Hot-House. Double the size of Tennis Ball; never rots	20	50	1 75
Myers' "All Right." Equally valuable for forcing or open ground planting . .	15	45	1 50
Reichner's Early White Butter. Large, solid; fine for forcing or open ground,	15	35	1 25
Big Boston. A fine strain for forcing or open ground; very large, solid heads . .	20	60	2 00
Johnson's Summerlead. Large, handsome yellow heads of perfect quality . .	20	50	1 75
Holyrood Hot Weather. Wonderful heat resister. See Novelties, page 10. Pkt., 10c.	40	1 00	3 50
Golden Gate. Immense solid heads, crisp, tender; sure header; resists heat . .	20	45	1 50
Johnson's Florida Header. (New.) The most valuable of all in the South . .	25	75	2 50
Copperhead. Large, solid light brown outside, shading to light pink inside . .	20	50	1 75
Giant Glacier. Large, light green heads; leaves crimpled like Savoy Cabbage,	15	45	1 50
Sensation. Forms a solid head before half grown; light yellowish green . . .	15	45	1 50
Silver Ball. Head white, solid, firm; splendid for spring and summer use . .	15	35	1 25
Philadelphia Dutch Speckled Butter. Fine large heads of excellent quality .	15	35	1 25
Hornberger's Dutch Butter. Improvement on Dutch Butter; private stock .	20	60	2 00
White Russian Summer. Very large, handsome heads; fine for open ground,	15	35	1 25
California Cream Butter, or Royal Summer Cabbage. Fine, solid heads . .	15	35	1 25
Salamander. Old sort. Fine compact heads, which resist heat admirably . . .	15	35	1 25
Deacon. A large, solid cabbage lettuce for summer; heads light green outside .	15	35	1 25
Nansen, or North Pole. Style of Deacon; ten days earlier, very hardy	15	40	1 40
New York (Wonderful). Large, dark green heads; used only as a summer sort,	15	35	1 25
Improved Hanson. Very large, solid and of fine quality; withstands the hot sun,	15	35	1 25

Photograph of head of MYERS' "ALL RIGHT" LETTUCE. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.



JOHNSON'S SUMMERLEAD. Best to stand heat. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.



Mammoth Salamander Lettuce

In the New Mammoth Salamander we have a variety which possesses all the desirable qualities of the old Salamander, but grows to double the size. It is the result of many years' careful selection and breeding by a Philadelphia market gardener, whose main crop is lettuce. Owing to its handsome appearance and fine quality, it is to-day the most rapid seller in New York and Philadelphia markets. Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., $1.60.

Johnson's Big Boston

A fine forcing variety for cold frames during the winter months, as it produces *heads of very large size*, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground. Per Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $1.75.

Early May King Lettuce

Fine for early spring planting in the open ground. Round, compact, solid heads, green and tender. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.50.

LETTUCE—Curled or Loose Leaved Varieties

All varieties in regular large-sized packets, at 5c. per packet.

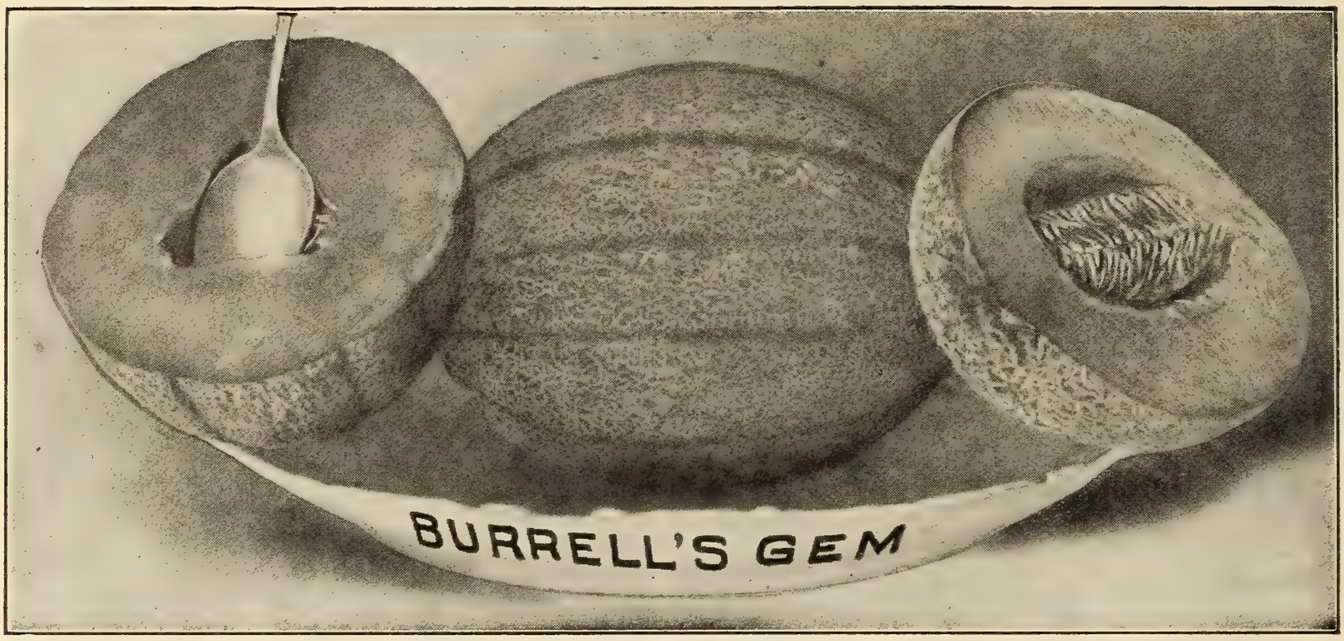
	Per oz.	¼ lb.	Per lb.
Grand Rapids. A famous shipping, loose-headed forcing sort; popular West . .	$0 15	$0 45	$1 50
Black-Seeded Simpson. Improved strain; large, loose heads; light in color . .	15	35	1 25
Early Prize-Head (Brown Cabbage). Large, loose heads, tinged with brown . .	15	35	1 25
Early Curled Silesian. A leading early sort; fine for cutting for home use . . .	15	35	1 25
New Trianon Cos, or Celery Lettuce. The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner,	15	45	1 50
Lettuce—American Varieties Mixed. Fifteen kinds mixed in one package, giving a succession of fine lettuce the whole season in the home garden	10	25	90

New Morse Lettuce

This excellent new curled lettuce might be called an improved Black Seeded Simpson, except from the fact that the seed is white. It grows to large size. The outer leaves are light green, while within they blanch to a beautiful light yellow. It withstands summer heat splendidly, is very early and of delightful flavor, being very crisp and tender. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., $1.50.

NOVELTIES FREE FOR TRIAL

A new and improved strain of our famous Earliana Tomato and a new German Cabbage which behaved wonderfully on our trial grounds the past season. For illustration and description see Novelties, pages 7 and 17.



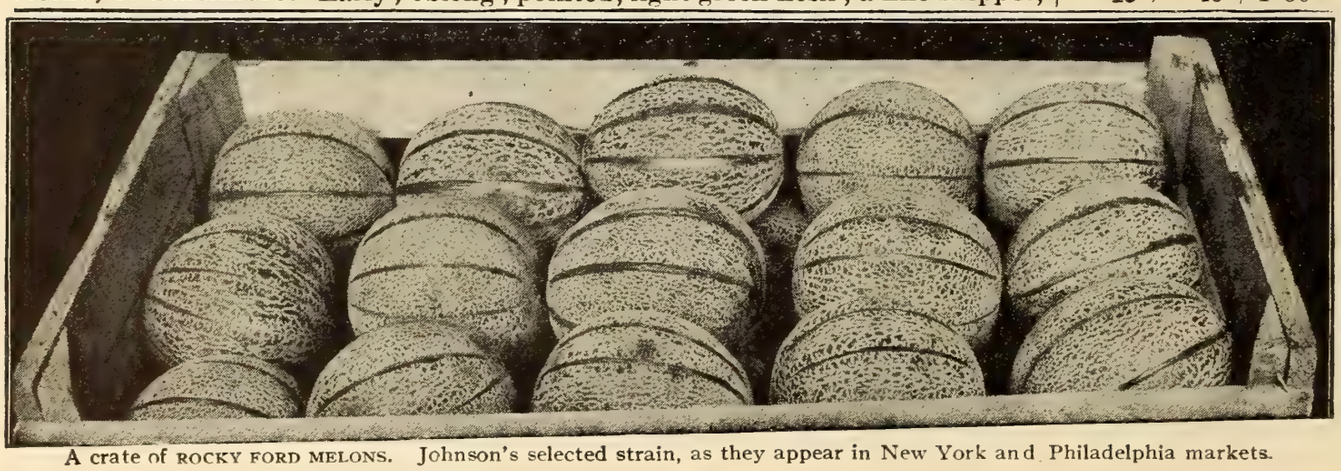
BURRELL'S GEM—The New Rocky Ford with luscious golden meat, a fine shipper. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75.

MUSKMELONS OR CANTALOUPES—A SELECT LIST

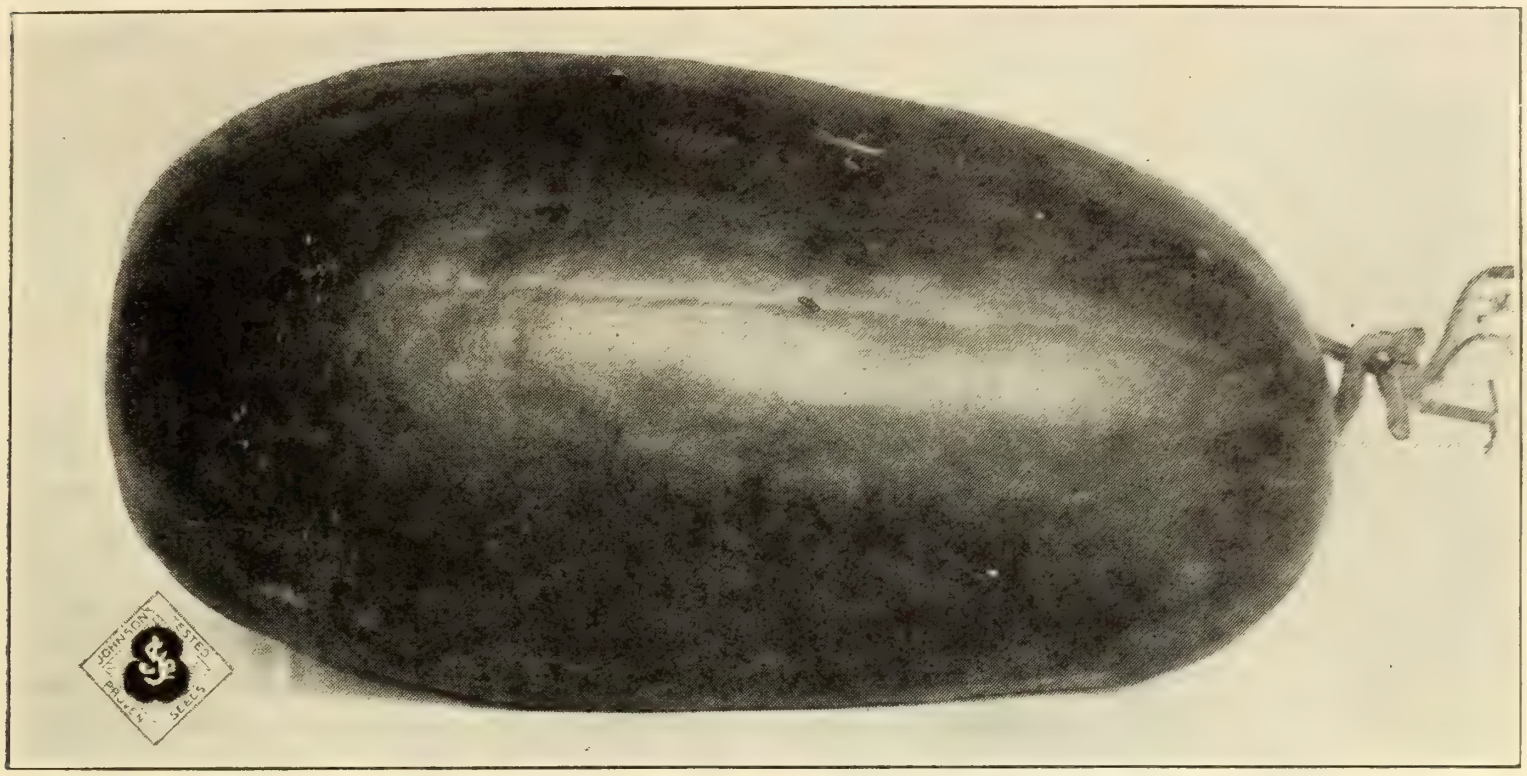
One ounce will plant about seventy hills, three pounds will plant one acre.

All varieties in large-sized packets at 5c. each, except where noted.

	Per oz.	¼ lb.	Per lb.
Early Jenny Lind. Small, early; light green flesh; fine for early market	$0 15	$0 30	$1 00
McCleary Jenny Lind. One of the earliest. Profitable for the market	15	45	1 50
Sweet Home. Larger than Jenny Lind; green flesh; best for light soils	15	45	
Johnson's Dreamwold. Novelty for 1907. See page 11 Pkt., 10c.	30	75	2 75
Anne Arundel. Shape of Acme; much larger in size; thick green flesh	20	50	1 60
Paul Rose, or Petoskey. (New.) Cross of Osage with Netted Gem. Early.	15	45	1 50
Hoodo. (New.) Medium size; red flesh; finest quality; round, heavily netted,	20	60	2 00
Norfolk Button. (New.) Very early and prolific; thick, sweet, green flesh	15	45	1 50
Rocky Ford. Largely grown in Colorado for shipment; oblong in shape; sweet, green flesh. 5 lbs. and over, 90c. per lb., by express or freight	10	30	1 00
Selected Netted Rock or Eden Gem. An improved large Rocky Ford	20	50	1 60
Improved Shippers' Delight. New, fine, early. Good shipper. Distinct shape,	10	35	1 00
Netted Gem. (Golden Jenny.) Early; small, nearly round and of fine flavor,	10	35	1 10
Tip-Top Nutmeg. Slightly oval; grows to good size; sweet, yellow flesh	15	45	1 70
Large Hackensack, or Turk's Cap. Large, round; flattened; green flesh	15	45	1 50
New Early Hackensack. Ten days earlier than Hackensack, which it resembles,	15	45	1 50
Emerald Gem. Small, early, productive; sweet salmon flesh, deep green skin,	25	75	2 50
Red-Fleshed Osage, or Miller Cream. Medium size; globe shape; very sweet,	15	45	1 70
New Green-Fleshed Osage. One of the best of green-fleshed sorts	10	30	1 00
New Fordhook. A red-fleshed Jenny Lind. See Novelties, page 11. Pkt., 10c.,	30	85	3 00
Long Island Beauty. The best of the Hackensack type; very early; fine quality,	15	50	1 75
Outremont Beauty. Largest of all; luscious, thick green flesh. Pkt., 10c.	30	85	3 00
Bay View. Very prolific and of good size; oblong; green flesh; quite late	10	30	1 10
Improved Montreal Nutmeg. Large, round, netted; flesh thick and light green,	15	45	1 70
Acme, or Baltimore. Early; oblong; pointed; light green flesh; a fine shipper,	15	45	1 50



A crate of ROCKY FORD MELONS. Johnson's selected strain, as they appear in New York and Philadelphia markets.



BURRELL'S HARD SHELL KLECKLEY SWEETS WATERMELON

Originated by Mr. D. V. Burrell, the famous melon grower of Colorado. The rind is thin, but much tougher than the original Kleckley Sweets, making it a good shipper, while the quality is fully equal. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.75, postpaid; by express, 5 lbs. and over, $1.60 per lb.

THE HALBERT HONEY WATERMELON

This melon originated in Texas, and is one of the best for private use or nearby markets. The rind is thin, and will not hold for shipping any great distance. The beautiful crimson flesh has scarcely any pulp, and is very sweet. It is long, dark green, and runs from 20 to 30 inches in length. It uniformly demands the highest price. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

BLACK BOULDER—The Great Shipping Watermelon

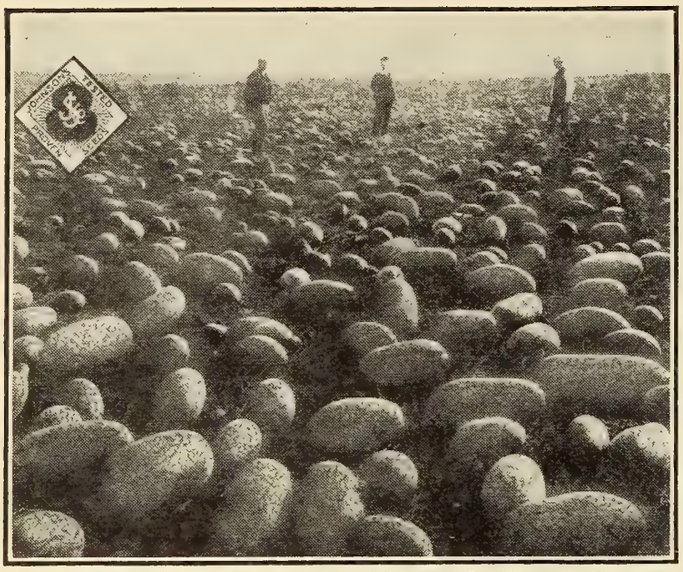
For this grand new and distinct watermelon we are indebted to the late Aaron Paul. It is enormously productive, reaching a mammoth size. It cuts equal to any market shipping melon we have ever eaten; its shipping qualities are phenomenal, no other melon equaling it in tough green skin and rind. It is one of the best "all round" melons in existence; for the family garden is also without a peer. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

GENUINE JOHNSON'S DIXIE WATERMELON

The true Johnson's Dixie is a cross between the **Kolb Gem** and **Old Fashioned Mountain Sweet,** and surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet, Kleckley and Florida Favorite in superior eating quality, and is **ten days earlier** than any of them Its great productiveness is shown from the fact that it frequently matures **six to eight large melons** to the vine. Owing to the great popularity of this variety, another and much inferior melon is frequently substituted and sold for it. If you want quality and genuine seed, send to the **Johnson Seed Company.** Price, per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

EXTRA SELECTED STOCK SEED. From picked melons. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., $1.25.

BLACK BOULDER WATERMELON. GENUINE JOHNSON'S DIXIE WATERMELON.



JOHNSON'S OZARK BEAUTY—Most productive of all. Pkt., 10c.; oz., 25c.; lb., $2.50.

Paul's Bonny Best Watermelon

The earliest watermelon in cultivation. It originated with the late Aaron Paul, the famous New Jersey melon grower and hybridizer. Will produce melons weighing 15 to 20 lbs. each in from 60 to 70 days. Flesh red, deliciously sweet, with but few seeds. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

The Bradford Watermelon

A fine oblong shipping melon with dark green skin. Flesh is very sweet, dark red in color; seeds small and nearly white, flecked with a brown spot on each side.

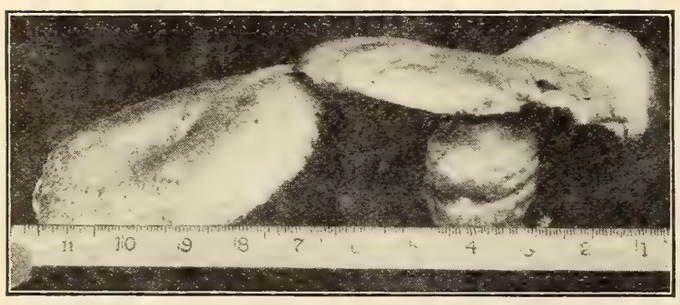
Under good cultivation they grow to very large size, frequently weighing from 40 to 60 lbs. and commanding the very highest prices in any market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 85c.

Standard WATERMELONS with Real Merit

One ounce will plant about fifty hills and four pounds will plant one acre.

Large packets of any variety, 5c each. In 5-lb. lots and over, 10c per lb. may be deducted.

	Per oz.	¼ lb.	Per lb.
Fordhook Early. Very early; good size; medium green, red flesh of fine quality,	$0 10	$0 30	$0 90
Early Jumbo. Round; of large size; dark green skin; extra good quality . .	10	25	90
Dark Icing. Early, round, solid, with thin dark green skin; of superior quality,	10	20	70
Light Icing, or Ice Rind. Round in form like the above; flesh of fine quality .	10	25	75
Triumph. New Southern variety. Very large; dark green, superior flavored, red flesh; one of the most successful for shipping, bringing the highest prices,	10	25	75
Cherokee Beauty. Long, large, dark skin, striped with black. Sweet; good shipper,	15	35	1 00
Gray Monarch, or Long White Icing. Very large, long; crimson flesh	10	25	90
Black Diamond. Large, round; skin dark green; tough; red flesh, fair quality,	10	20	65
Sweet Heart. Mottled light green; large, oval, heavy; red flesh; fine shipper,	10	20	70
Alabama Sweets. A grand new shipping melon; equal to Icing, Kleckley and Florida Favorite in luscious quality; long, dark green, continuous bearer . .	10	30	90
McIver's Wonderful Sugar. Resembles Old Rattlesnake, superior in quality .	10	25	90
Cuban Queen. Early, solid and heavy; skin striped dark and light green . . .	10	20	70
Kolb Gem. Very large; flesh red; a good shipping sort; popular in the South .	10	20	65
Blue Gem, or Iceberg. A blue Kolb Gem, better quality; desirable for shipping,	10	20	70
Florida Favorite. A superior strain; large, oblong, striped; luscious red flesh,	10	25	90
Tom Watson. Very large; dark green; light crimson flesh of good flavor	20	45	1 50
Gypsy, or Georgia Rattlesnake. Oblong, dark and striped; bright red flesh .	10	25	75
Colorado Preserving Citron. (Green seed.) Also called Apple Pie; for preserves,	10	20	70
Green Citron. (Red seed.) Round and handsome; for preserving only	10	20	70



MUSHROOMS MEASURING OVER SIX INCHES ACROSS, GROWN FROM JOHNSON'S ENGLISH MILLTRACK SPAWN.

RELIABLE MUSHROOM SPAWN

The culture of mushrooms is increasing enormously. They used to be considered a luxury, but now all restaurants and hotels have them daily on their menus, and they are very largely required in household use. They can be grown successfully in cellars, in barns and stables, or other buildings that perhaps are standing idle. They are the most profitable crop for the outlay that can be grown. We send practical working directions with each order for spawn.

JOHNSON'S ENGLISH MILLTRACK MUSHROOM SPAWN

Our celebrated **English Milltrack** brand (made by the best maker in England specially for our trade) has gained an enviable reputation among growers for its uniform good quality, and can be thoroughly relied upon to produce a good crop. Per brick, 1¼ lbs., 15c. (bricks, postpaid, 25c.); 10 lbs., 80c.; 25 lbs., $1.50; 100 lbs., $5.50; 1,000 lbs. and over, 5c. per lb. (250 lbs. sold at 1,000-lb. rate).

PURE CULTURE MUSHROOM SPAWN—AN AMERICAN PRODUCT

A very superior article, made in this country from carefully selected spawn, which, it is claimed, is much more vigorous than the imported. Price, 25c. per brick (brick postpaid, 35c.); 5-brick lots, 22c. per brick; 10-brick lots, 20c. per brick; 25-brick lots, 18c. per brick; $12.00 per 100 lbs.

MUSTARD

One ounce will sow about seventy-five feet of drill.

Southern Giant Curled. Highly esteemed in the South, where the seed is sown in the fall, and used in the spring as a salad. Our stock is the true curled leaf, and produces plants 2 feet high, and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

New Chinese. Leaves twice the size of the ordinary White Mustard, crimpled like a Savoy cabbage; stems more succulent; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves are eaten boiled like spinach, and the plants will continue to yield until frost sets in. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

White London. The old sort, used for salads and flavoring. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

Black or Brown. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

MARTYNIA

Martynia Proboscidea. The best and most productive variety for pickling. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.50.

NASTURTIUM—Indian Cress

Tall. The best for pickling seed pods, or garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Dwarf Mixed. A trailer requiring no support. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

OKRA—Gombo

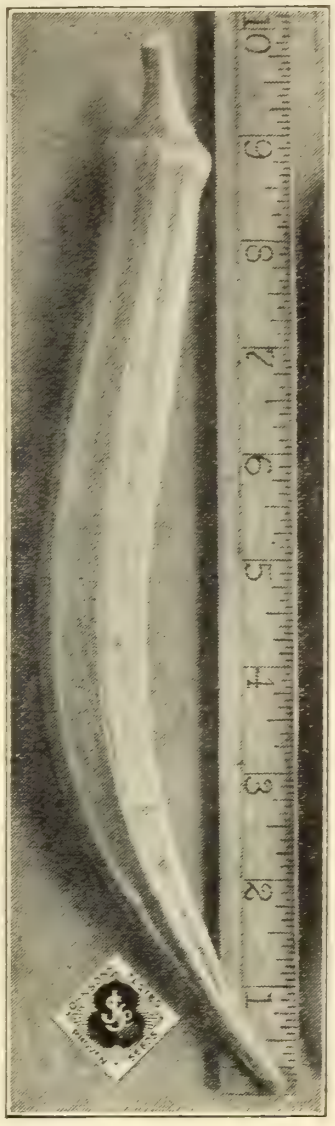
One ounce will plant one hundred hills.

Kleckley's Favorite Okra

A new sort, growing 2½ to 3 feet in height. The pods are white and smooth, about 6 inches in length by 1½ inches in diameter, *exceptionally tender and fleshy.* Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

White Velvet. This distinct and beautiful new okra was originated in Georgia. The pods are very large; perfectly smooth; never prickly; round, not ridged or square as in other okras. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

PERKINS' MAMMOTH LONG PODDED OKRA



PERKINS' MAMMOTH LONG GREEN PODDED OKRA.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within 3 inches of the ground, and the whole plant is covered with them to the extreme height of the plant. The pods are an intense green color, of unusual length, 8 to 9 inches, very slim, and do not get hard, as is the case with other okras. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c., postpaid; by freight or express, lb., 55c.; 5 lbs. and over, 50c. per lb.

Lady Finger. Fine new variety from the South. Very productive of extra long slender pods of fine round form, white and smooth. If used in its early state of growth, it will be found exceptionally tender and choice. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Dwarf Green Prolific, or Density. A distinct variety, growing about 14 inches in height. Very productive of fine, smooth pods. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Get the Best Johnson's

JOHNSON'S SEEDS THE BEST

J. M. ENGLISH, Rogers, Ark., November 2, 1909, writes:—"I have purchased my seeds from you ever since you have been in business, and every seed you have ever sent me has given complete satisfaction, and I cannot help thanking you kindly for the nice profits I have had, due entirely to the good seeds you have always sent me."

A MARKET GARDENER'S TESTIMONY

L. C. HARDING, Florence, Neb., November 4, 1909, writes:—"From the $75.00 worth of seeds bought from you I had the finest vegetables on the Omaha market. Your Paris Golden Self Blanching Celery was strictly pure and exceptionally fine. Crosby's Egyptian beet very fine and two weeks ahead of any other Beet on this market, Snowball Cauliflower the best here, and all other seeds were A No. 1."

JOHNSON'S VERY EARLIEST CABBAGE

JOHN V. SEEMAN, Kansas City, Kan., October 15, 1909, writes:—"I have grown your Johnson's Very Earliest Cabbage for the past 12 years, and find it earlier and better than I have ever been able to get from any other firm. Your seeds have always been true to name and the very best."

JOHNSON'S MARKET GARDENERS' No. 2 CABBAGE

ALONZO J. BRYAN, Washington, N. J., writes, October 25, 1909:—"We planted 20,000 of Johnson's Market Gardeners' No. 2 Cabbage. Every one made a perfect head, the finest, large, solid headed cabbage we ever grew, and shall, another year, plant all of this most wonderful variety."

JOHNSON'S GIANT BEAUTY TOMATO

WALTER W. HOWARD, Gano, O., writes, October 30, 1909:—"It is impossible to exaggerate the merits of your new seedling tomato, Johnson's 'Giant Beauty.' They are grand—simply immense and perfect in every respect. I can say, without fear of contradiction, that ripe specimens picked from the vine will keep in good marketable condition for two weeks."

JOHNSON'S PEDIGREE ONION SEED

A. S. CHRISTEN, Dodge Center, Minn., writes:—"Last Spring I purchased onion seed from several leading seedsmen; those I got from you proved by far the best. I enclose a photo of a field planted with your seed, that will speak better than I can describe. Notice the even stand, the fine growth of tops and other good points. I grow onions for shipping, so good seed means much to me."

Section of field of JOHNSON'S NEW LONG-KEEPING PRIZETAKER ONION, just before harvesting the seed. See photograph and testimonials, page 13.

There is no vegetable in which the quality of the seed exerts a greater influence upon the crop than in onions. Our stock is all grown from choice bulbs, selected by hand, and is unsurpassed in this country. During our whole business career as seedsmen, it has always been our aim to make quality a first consideration, price afterwards, and in no one crop have we met with greater reward than in onions.

One ounce will sow 100 feet of drill. To grow large onions from seed, 5 pounds to the acre; to grow small sets, 50 to 60 pounds to the acre are required. For full information for culture, storage and marketing onions and onion sets, see our **New Leaflet-Essays** on this subject, which will be sent free with all orders for onion seed, when requested.

About Prices

Not for several years have we had such a good crop of fine plump, high germinating onion seed as in 1909. We are, therefore, able to make unusually favorable prices.

Philadelphia Yellow Dutch, or Strasburg Onion

The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-sized onions are somewhat flattened, flesh white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.40, postpaid; by express or freight, lb., $1.30; 5-lb. lots, $1.25 per lb.; 10 lbs. and over, $1.20 per lb.

Minnesota Globe Onions

Seed Grown in Minnesota by Originator

These are new true globe onions of the finest and most select type, so called to distinguish them from all other stocks of red and white globe onions, differing in earliness, productiveness, perfection of shape and long-keeping qualities. From reports of customers and our trials with them, we believe them to be the onion of the future for the Northern States.

Minnesota Globe Wethersfield Red Onion. Per pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.75.

Minnesota White Globe Onion. Per pkt., 10c.; oz., 35c.; ¼ lb., $1.25; lb., $4.25.

True Round Yellow Danvers Onion

Our superior stock of this celebrated variety is of fine round shape. It grows to good size, with thin yellow skin, white flesh, fine grained and excellent quality. It ripens early, keeps well and is very productive. This variety is catalogued by many seedsmen as Yellow Globe Danvers, which is a misnomer. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., $1.40, postpaid; by express or freight, lb., $1.30; 10 lbs. and over, $1.20 per lb.

Southport Globe Onions

Johnson's Superior Connecticut-Grown Seed

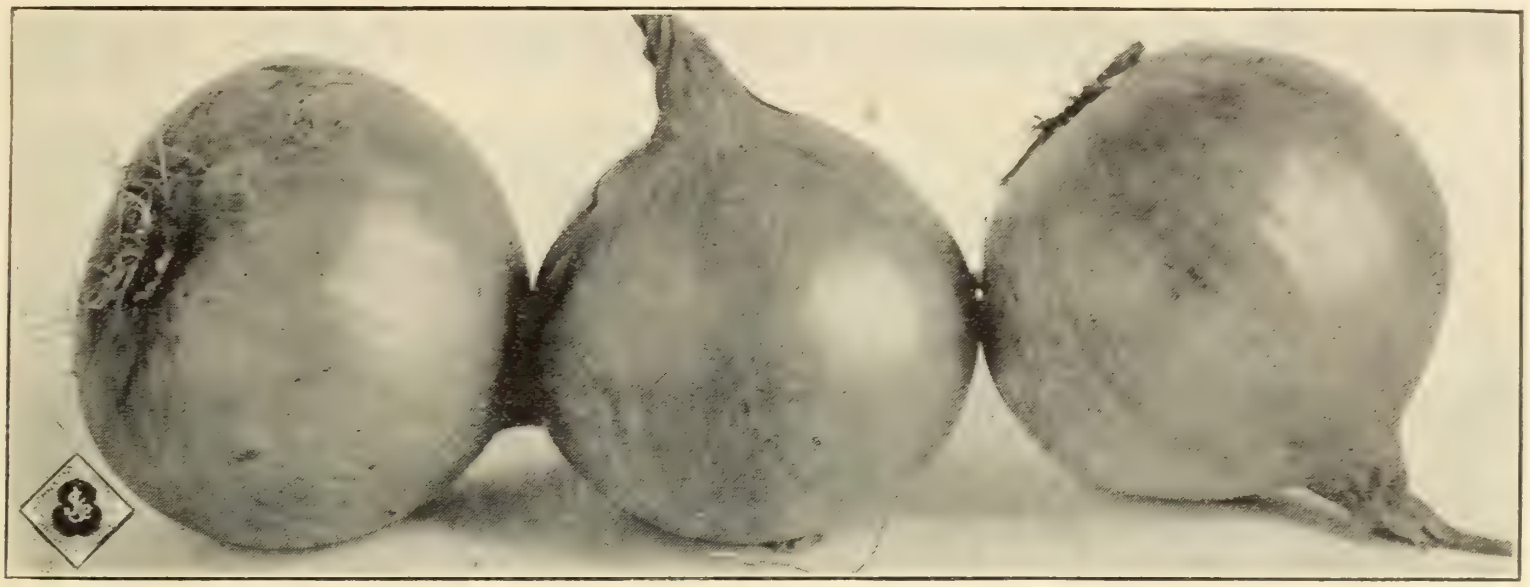
There is a marked superiority in the Eastern-grown types of the Globe Onions, commonly known as the Southport strains, over the Western-grown types. That our seed of these important varieties is from highly bred and carefully selected types is attested by the numerous letters we have received from the most critical onion growers.

Southport Large Yellow Globe. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.55.

Southport Large Red Globe. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.65.

Southport Large White Globe. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., $2.85.

For uniformity, productiveness, deep globe shape, sure ripening and fine keeping qualities, plant JOHNSON'S CONNECTICUT-GROWN SOUTHPORT GLOBE or MINNESOTA GLOBE ONIONS



Photograph of average specimens JOHNSON'S PHILADELPHIA YELLOW GLOBE DANVERS, grown from our Pedigree Seed.

JOHNSON'S PHILADELPHIA YELLOW GLOBE DANVERS

Do Not Confound with the Ordinary Yellow Globe Danvers of Other Growers

This **improved** variety is pronounced by onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the **earliest** yellow globe variety, with the exception of **Johnson's New Early Yellow Globe Onion,** illustrated and described on page 13, but is larger in size, **uniformly perfect** in shape and the **largest cropper,** producing from seed 1,000 bushels to the acre with good cultivation. It is the most reliable for bottoming, and one of the **best keepers** of all onions. Best crop of seed we ever grew, note reduced prices. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., $1.50, postpaid; by freight or express, lb., $1.40; 5 lbs., $6.50; 10 lbs. and over, $1.25 per lb.

A Select List of other Standard American ONIONS

Large packets of any variety, 5c. each, except where given.
If ordered sent by express or freight, deduct 10c. per lb.
In 5-lb. lots and over, 15c. per lb. may be deducted.

	Per oz.	¼ lb.	lb.
Johnson's New Early Yellow Globe. Two weeks earlier than Southport; handsome, rich orange; fine shape and quality; good keeper. See page 13. Pkt., 10.	$0 25	$0 65	$2 25
Mammoth Prizetaker. Unusually large and handsome yellow variety.....	20	50	1 70
Johnson's Long-Keeping Prizetaker. Very superior to the old Prizetaker, keeping equal to Globe Danvers. See Novelties, page 13. Pkt., 10c.....	30	75	2 75
New Hardy Export. Extra early; a great keeper; makes fine sets. Pkt., 10c.	25	65	2 25
Ebenezer. (Novelty, 1908.) A new and very handsome brown globe onion. It is a perfect marvel in keeping qualities, fine uniform shape and color. Pkt., 10c.	30	85	3 00
Australian Brown. New long keeper; early; fine quality; distinct color.....	15	45	1 50
Morse Brown Globe. (New). Deep globe, rich brown skin, fine keeper.....	20	60	2 00
Philadelphia Extra Early Red Flat. Very early; makes fine sets. (10 lbs., $16.00),	20	50	1 75
Extra Early Red Globe Danvers. (New.) The earliest and best early red globe,	25	75	2 75
Johnson's Dark Red Beauty (Novelty, 1908). Much deeper and richer color than any other; the finest strain of red onion in the world; fine keeper. Pkt., 10c.	35	1 00	3 75
Extra Large Red Wethersfield. The most popular red sort. A fine keeper. We have an unusually large, superior and extra fine strain	20	50	1 70
American Extra Early Pearl. The earliest of all white onions; very large.....	20	60	2 00
Philadelphia White Silver Skin, or Portugal. The best white onion for sets..	25	65	2 25
White Bunch. Very early; one of the best for bunching in a green state. Pkt., 10c.	25	70	2 50
THE BEST FOREIGN ONIONS			
Red Bermuda. Very early; genuine Teneriffe seed, freshly imported. Pkt., 10c.	25	70	2 25
White Bermuda. Freshly imported from Island of Teneriffe. Pkt., 10c.	25	75	2 50
Hard Round Silver Skin. The best for pickling; uniform, small, round bulbs..	20	65	2 25
White Queen. Very early; grows rapidly; mild flavor; remarkable keeper....	20	50	1 75
White Adriatic Barletta. Earliest, neatest and smallest; valuable for pickling,	20	50	1 75
Mammoth Silver King. Handsome white flat onions, reaching enormous size..	20	50	1 75

CHOICE PHILADELPHIA-GROWN ONION SETS

Philadelphia-grown onion sets are the best in the world. They are hard, solid and good keepers. Prices vary with the market. We are headquarters. Write for prices in bushel and barrel lots.

PHILADELPHIA YELLOW DUTCH, or STRASBURG, and **PHILADELPHIA YELLOW DANVERS ONION SETS;** each: **per qt., 15c.; qt., by mail, postpaid, 25c.**

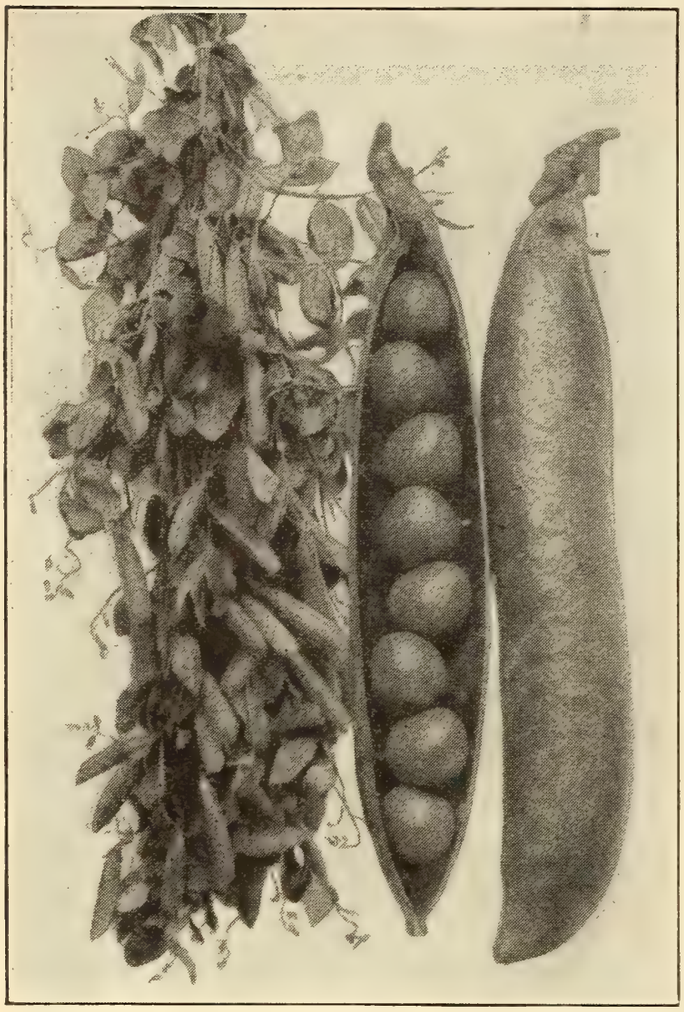
PHILADELPHIA EXTRA EARLY RED SETS; per qt., 20c.; qt., postpaid, 30c.

EBENEZER ONION SETS. (New.) See seed above. Per qt., 30c.; qt., postpaid, 40c.

PHILADELPHIA WHITE, or SILVER SKIN SETS; per qt., 25c.; qt., postpaid, 35c.

POTATO and **WHITE MULTIPLIER ONION SETS;** each: **per qt., 25c.; qt., postpaid, 35c.**

The Best Northern Grown Seed Peas



A SINGLE VINE, WITH PODS NATURAL SIZE, ALONGSIDE OF JOHNSON'S RECORD EXTRA EARLY PEA.

Peas are Scarcer than has ever been known before! Most varieties of Garden Peas were nearly complete failures in both America and Canada, hence prices are higher than usual.

Johnson's Record Extra Early Pea

First introduced in 1898, is still in the lead as the earliest of all peas and most popular with truckers. It has produced good edible peas in forty-seven days from planting, a record that has never yet been beaten. It is the most uniform in ripening. A single picking will secure the entire crop. The heaviest cropper, containing one to two more peas per pod than any other first early. Height, 2 feet. Pkt., 10c.; pint, 30c.; qt., 50c., postpaid; by express or freight, qt., 35c.; peck, $2.00; bush., $7.00; 5 bush. and over, $6.75 per bush.

Large Podded Alaska Pea

A new and valuable strain from Canada of the popular Alaska Pea. The blue seed is the same as Alaska, and the vines grow to the same height, but more vigorously, and produce fully as early, large, deep green pods of almost double the size. Pkt., 10c.; pint, 35c.; qt., 60c., postpaid; by express or freight, qt., 45c.; peck, $2.25; bush., $8.50.

Sutton's Excelsior Pea

This new pea takes the place in the **Extra Early** class that is now so acceptably filled by Stratagem and Telephone in the later sorts. It grows to a height of about 14 inches, showing a great abundance of its long, broad, straight pods of a pale green color. Pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by express, qt., 40c.; peck, $2.50; bush., $8.75.

PEAS—Extra Early Varieties

Each of the following, 10c. per large packet.

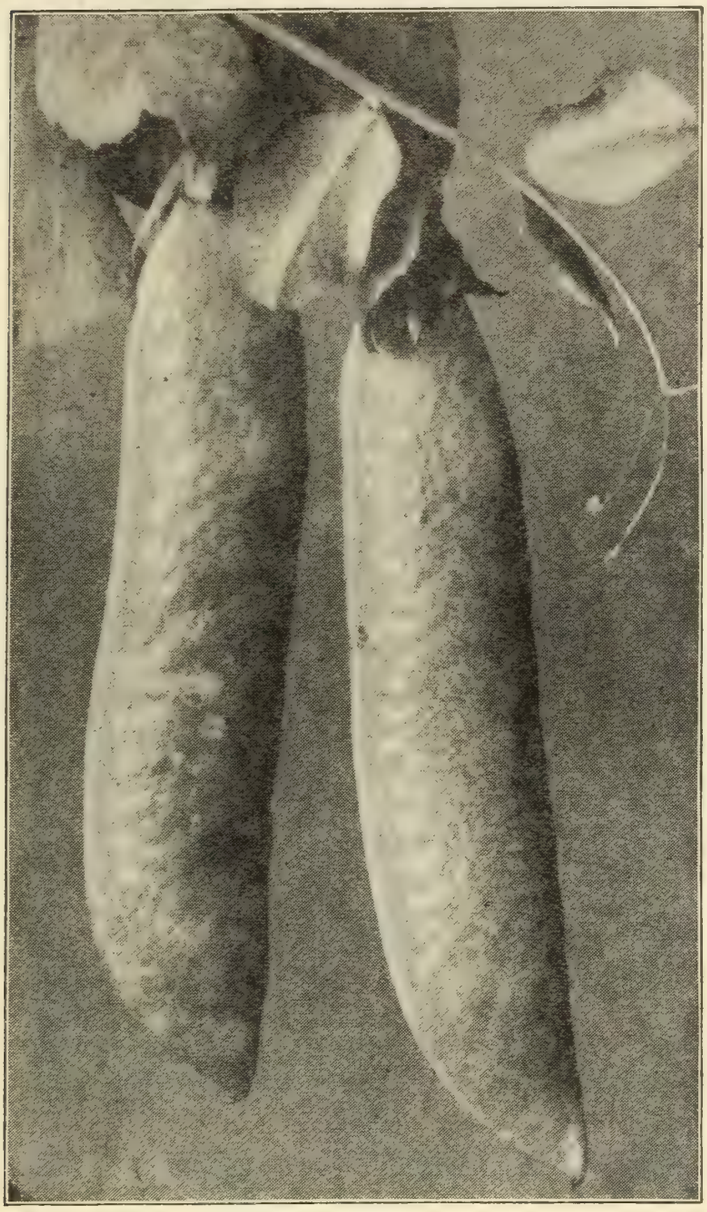
We furnish ½ pecks at peck rates, ½ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

	Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
		Pint.	Qt.	Qt.	Peck.	Bush.
Johnson's Extra Early. The popular old and fine standard,	2	$0 25	$0 45	$0 30	$2 00	$7 00
Alaska. One of the earliest and most popular blue peas . . .	2	25	45	30	2 00	7 00
New Prolific Early Market. About a week later than Johnson's Record Extra Early, bearing heavily of large pods,	2	25	45	30	2 00	7 00
First and Best. Very early; popular for market and shipping,	2½	25	40	25	1 75	6 75
Philadelphia Extra Early, Dan O'Rourke, Hancock. Each,	2½	25	40	25	1 75	6 50
***Thomas Laxton.** The finest early wrinkled pea, superior in earliness and hardiness to Gradus; pods fully as large, enormously productive. (See illustration, next page) . .	2	30	55	40	2 40	8 75
***Gradus, or Prosperity.** Magnificent new, large podded sort,	2½	30	55	40	2 50	9 00
***Gregory's Surprise.** (Eclipse.) Earliest wrinkled variety,	1½	25	40	25	1 75	6 75
***Nott's Excelsior.** An improvement on American Wonder,	1	25	45	30	2 00	7 50
***American Wonder.** Well known and very popular	¾	25	45	30	2 00	7 50
***McLean's Little Gem.** Very prolific; a garden favorite . .	1	25	45	30	1 85	7 00
***Extra Early Premium Gem.** Long, well filled, prolific pods,	1¼	25	45	30	1 85	7 00

PEAS—Second Early and Medium

***Johnson's Second Early Market Garden.** Best and surest cropper; produces more pods than any other	2	25	45	30	2 00	7 50
***McLean Advancer.** Fine standard sort; of excellent quality,	2½	25	45	30	2 00	7 50
***Abundance.** Long, round, well-filled pods; very prolific . .	1½	25	40	25	1 75	6 75
***Horsford's Market Garden.** Style of Advancer; very prolific,	2	25	45	30	2 00	7 50
***Heroine.** Large, full pods; productive; quality perfect . .	2½	25	40	25	1 75	6 75
Improved Fillbasket. Excellent; one of the best for market,	3½	25	40	25	1 75	6 75

The Thomas Laxton Pea



THOMAS LAXTON PEA.

This is the earliest large-podded wrinkled pea known, growing very vigorously, with vines about 2½ feet in length, with pods and peas of the very largest size, somewhat resembling the Telephone. It is astonishing that a pea with as fine large pods as this should be almost as early as the regular Extra Early Peas. The enormous pods are full with from six to ten wrinkled marrow peas of the most delicious flavor. Although it commences bearing so very early, it continues for a long time, the peas also remaining sweet and tender for a long time after they are fit to pick. Price, pkt., 10c.; pint, 30c.; qt., 55c., by mail, postpaid; by express, per qt., 40c.; 4 qts., $1.40; peck, $2.40; bush., $8.75.

New Dwarf Champion Pea

This new pea possesses all the merits of the Champion of England, with less vine (26 inches), larger pods and more of them, and coming a little earlier. Pkt., 10c.; pint, 25c.; qt., 50c., postpaid; by freight or express, qt., 35c.; peck, $2.00; bush., $7.25.

A GRAND NEW ENGLISH PEA

THE ALDERMAN

THE BEST PEA FOR MEDIUM AND LATE USE

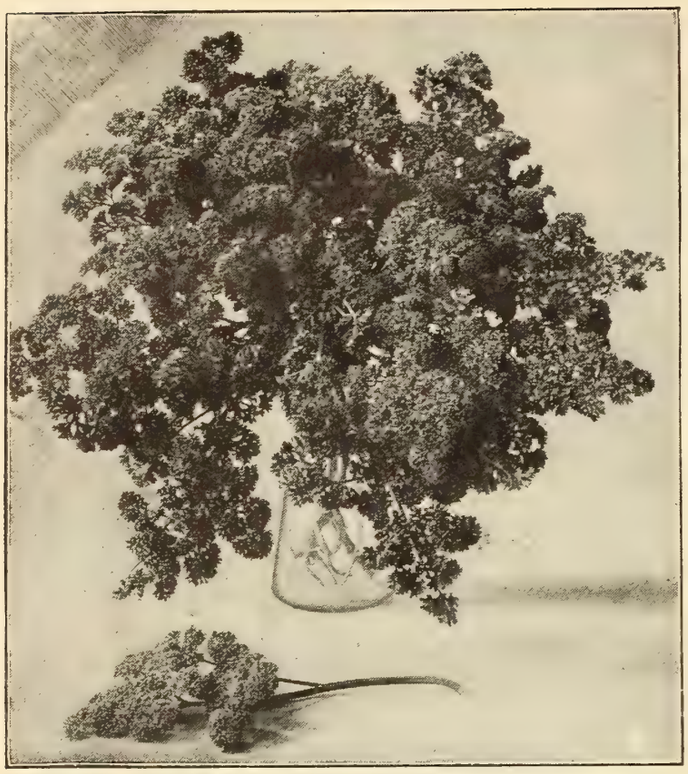
Vine is very hardy, growing vigorously to a height of about 4 feet, unusually prolific. Handsome pods growing uniformly to larger size than any pea we have ever seen, and filled with eight to ten very large, delicious peas. Prices, pkt., 10c.; pint, 30c.; qt., 55c., postpaid; by express or freight, qt., 40c.; peck, $2.25; bush., $8.50.

PEAS—Late or Main Crop Varieties

Each variety in large packets, at 10c. each.

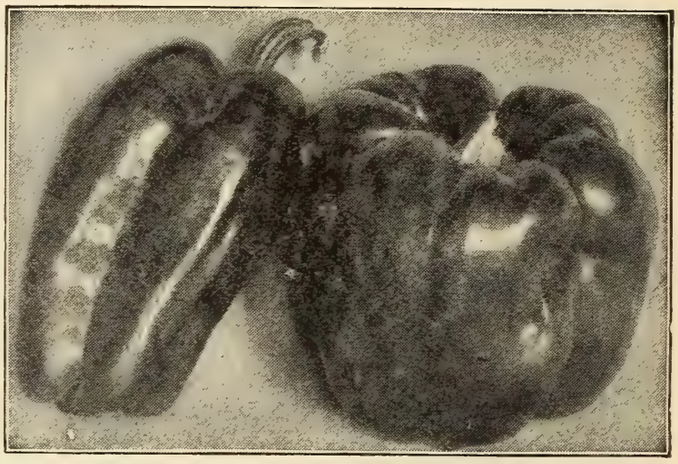
We sell ½ pecks at peck rates, ½ bushels at bushel rates. Those marked with a (*) are wrinkled varieties.

	Height in Feet.	By Mail, Postpaid.		By Express or Freight.		
		Pint.	Qt.	Qt.	Peck.	Bush.
***Duke of Albany.** (American Champion.) Immense pods	4	$0 25	$0 45	$0 30	$2 00	$7 75
***Improved Stratagem.** Large, full pods; quality fine	2	25	45	30	2 00	7 75
Long Island Mammoth, or Telegraph. Large pods and peas,	3½	25	40	25	1 60	6 00
***Telephone.** Enormous pods and peas of first quality; prolific	4½	25	45	30	2 00	7 75
***Carter's Danby Stratagem.** New pea from England. A great improvement on old Stratagem	2	30	55	40	2 25	8 50
Pride of the Market. Our greatly improved uniform strain,	1½	25	45	30	1 75	6 75
***Champion of England.** Well-known standard variety	5	25	40	25	1 75	6 75
***Bliss' Everbearing.** Peculiar branching vine; peas large	2	25	40	25	1 75	6 75
***Yorkshire Hero.** A spreading variety; very productive	3	25	40	25	1 75	6 75
***Edwin Becket.** A vigorous growing English pea, with pods almost as large as Gradus, but later	3	25	45	30	1 75	6 75
Market Master. Hardiest large podded late pea	2	25	45	30	2 00	7 50
Royal Dwarf White Marrowfat. A favorite for market	2½	20	35	20	1 15	4 00
Black-Eyed Marrowfat. Very hardy and prolific; poor quality,	3	20	30	15	1 10	3 75
Canada Field. Grown with oats for fodder, also for pigeons	5	15	25	10	60	2 00
Dwarf Sugar. Extra fine; pods used same as Snap Beans	1½	25	45	30	1 75	6 25
Tall Melting Sugar. One of the best; large, broad pods	5	30	50	35	2 00	7 25
Tall Gray Sugar. Immense pods of superior quality and snap,	5	30	50	35	2 00	7 25
New Mammoth Podded Prolific Sugar. Largest and best of the edible podded sorts; broad, fleshy, tender pods	3	45	85	70		



A single plant of MARKET GARDENERS' BEST. The best parsley for either the market or family garden.
Oz., 10c.; ¼ lb., 30c.; lb., $1.00; 5 lbs., by express, $4.00.

JOHNSON'S IDEAL HOLLOW CROWN PARSNIP.



RUBY KING PEPPER. NEW CHINESE GIANT PEPPER.

PARSLEY—Seed Grown from Transplanted Plants

One ounce will sow one hundred and forty feet of drill.
Large packets of any of the following varieties, 5c. each.

	Per oz.	¼ lb.	Per lb.
Emerald, or Dwarf Extra Curled. Very handsome, bright green color	$0 10	$0 20	$0 65
Extra Double Curled. Very fine dwarf, dark green, crimped leaves	10	20	60
Hurst's Dwarf Garnishing. Free from single leaves, vigorous grower	10	25	90
Market Gardeners' Best. The finest garnishing parsley in cultivation. Most popular standard variety, standing heat, drought and cold better and yielding double that of any other. (5 lbs. and over, by express, 80c. per lb.)	10	30	1 00
Champion Moss Curled. Extra fine strain, very dark green (5 lbs., $2.50)	10	20	65
Plain, or Single. The ordinary form, with plain leaves	10	20	55
Hamburg, or Turnip-rooted. Grown only for its edible roots, for soups, etc.	10	20	60

PARSNIP

One ounce will sow about two hundred feet of drill; 5 lbs. will sow one acre.

Johnson's Ideal Hollow Crown. (New.) Improved Philadelphia strain; roots very smooth and handsome, not as long as the old Hollow Crown; of larger diameter and more easily gathered. By far the best and heaviest cropper. See photograph above. Pkt., 5c. (5 lbs., by express, $2.50)	10	20	65
Long Smooth Sugar. (Hollow Crown.) The old standard sort. Pkt., 5c.	10	15	50

PEPPERS

One ounce will sow one hundred yards of row.
We supply Peppers in regular large-sized packets, at 10c. per packet.

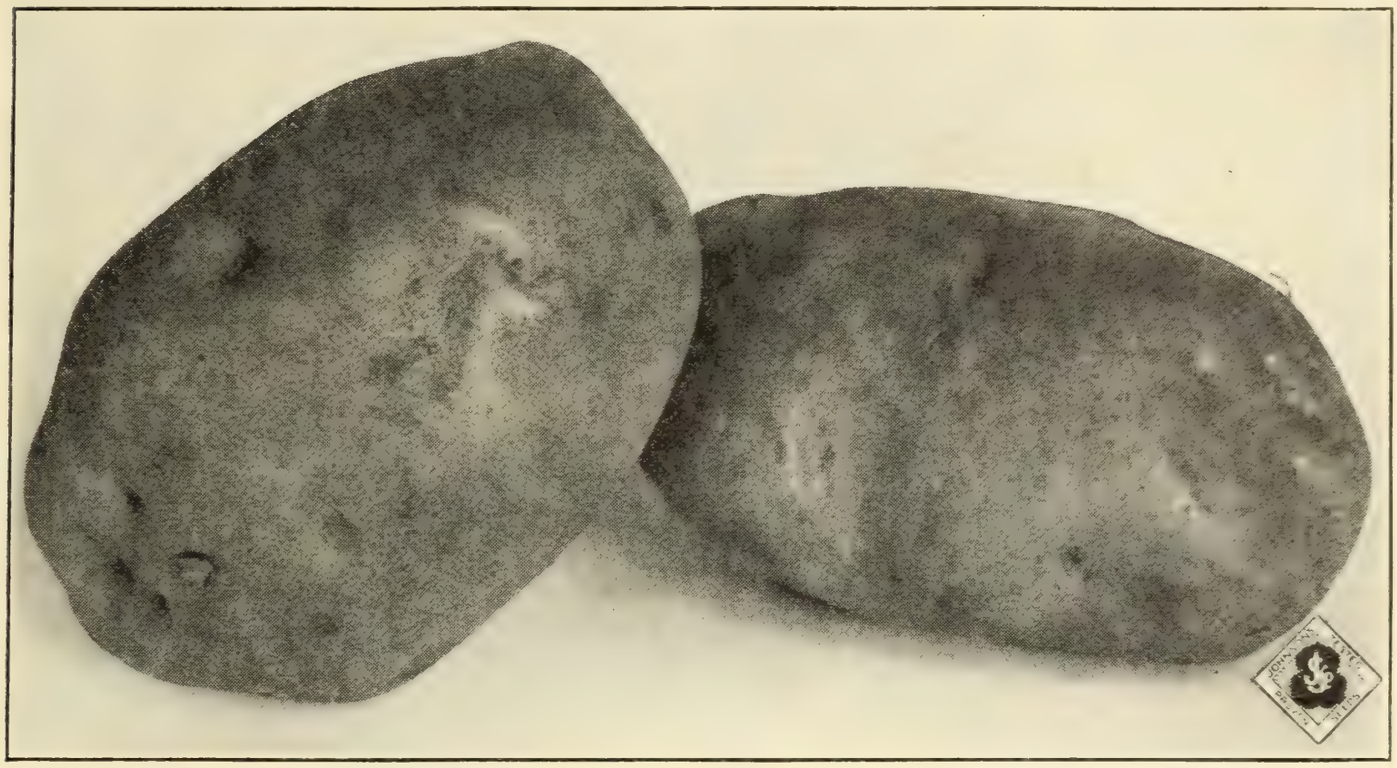
Ruby King. Very early; large, bright red fruit. One of the best for stuffing	25	75	2 50
New Ruby Giant. Cross between Chinese Giant and Ruby King. See page 13,	45	1 25	4 50
New Chinese Giant. Largest pepper known, excepting New Ruby Giant	40	1 00	3 75
Large Sweet Bell, or Bull Nose. Very popular old standard sort; very mild	25	75	2 50
Mammoth Golden Queen. The largest and best of all the yellow peppers. Very showy; 5 to 6 inches long; best yellow pepper for stuffing	30	85	3 00
New Neapolitan. Something extra fine; very early, medium size, grows upright, very smooth, sweet and mild, bright red color	30	85	3 00
Tomato-Shaped. Upright in growth, very prolific; scarlet	30	85	3 00
Long Red Cayenne. True, long, narrow; hot, pungent and very productive	25	70	2 50
True Red Chili. Small, hot, bright red peppers, very productive	25	70	2 50
Red Cherry. Small, cherry-shaped, largely used for pickles	25	70	2 50
Bird's Eye, or Creole. Smallest red pepper; extremely hot	30	85	3 00

Northern Grown Seed Potatoes—SELECTED FOR SEED

RENEW YOUR SEED AND REALIZE EARLY MATURITY AND PRODUCTIVENESS

Prices quoted are for barrel sacks of 165 pounds each. We pack in full-size double-headed barrels at 25c. higher than prices here quoted. **Special prices by letter on lots of five barrels and over.**

PLEASE NOTICE As prices are subject to market fluctuation, we would request that our customers send in their orders as soon as possible. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for Spring planting. Customers residing South can have them shipped at most any time during the Winter.



JOHNSON'S FLOUR BALL POTATO. VERMONT GOLD COIN POTATO.

New Extra Early Potato—JOHNSON'S FLOUR BALL

Originated in Northern New York, and one of the very earliest, being 10 days to 2 weeks earlier than Early Rose, a surer and heavier cropper, and the best in quality we have ever grown. Skin and flesh pure white, almost round, as shown in our photograph above. We think all who grow it will agree with us in pronouncing it the most valuable first early potato yet introduced. Per lb., 35c.; 3 lbs. for 90c., by mail, postpaid. By express or freight, per peck, 75c.; bush., $2.50; bbl. sack (165 lbs. net), $6.00.

STANDARD SORTS—Three barrels, 8 to 9 bushels, are required to plant one acre. Prices quoted are subject to market fluctuations.	Peck.	Bush.	Bbl.
True Houlton, Maine, Early Rose. Pure and genuine, very fine and early..	$0 60	$1 75	$3 75
Early Beauty of Hebron. Popular early sort, of excellent quality; productive,	60	1 75	3 90
Early Thoroughbred. Earlier than Rose. More productive; light pink.....	60	1 75	4 00
Bovee. Earlier than Early Ohio. Very prolific; fine marketable size; mealy..	65	1 75	4 00
Eureka Extra Early. Earliest of new sorts, regular shape, smooth white skin,	65	1 85	4 25
Uncle Gideon's Quick Lunch. Extra early; round; productive; good keeper,	70	2 25	4 75
Crown Jewel. Very early, fine and productive; pink, (These three varieties are the most popular of all with Southern truckers.)	65	1 85	4 25
Bliss' Triumph, or Stray Beauty. Early, round, red,	65	1 85	4 25
Pride of South, or White Bliss. Early, round, white,	65	1 85	4 25
Irish Cobbler. Round, chunky, 80-day sort; popular for home market.....	65	1 85	4 25
Vermont Gold Coin. Fine new main crop potato; white skin; very productive,	70	2 00	4 50
Rural New Yorker, No. 2. Fine for main crop; large, white, smooth, prolific..	60	1 70	3 50
State of Maine. Heavy cropping late oval variety; white skin and flesh.....	60	1 70	3 50
Carman, No. 1. Fine medium or intermediate; very large, shallow eyes; white,	60	1 70	3 60
Green Mountain. Shape, oval; white skin; big cropper and splendid cooker..	60	1 70	3 50

Seed Sweet Potatoes—New Jersey Grown

We pack with greatest care; but, as they are very susceptible to climatic changes, **customers must take ALL RISKS.** We do not ship until about planting time unless specially ordered to do so. Full directions for bedding and sprouting the seed, setting out and cultivating sweet potato plants, also harvesting and storing for Winter, will be found in our **new Leaflet Essays on Sweet Potato Culture, which we will send free with all orders when requested.**

Extra Early Carolina, Jersey "Up-Rivers," Early Nansemond. These are the three varieties most universally grown in New Jersey for Philadelphia markets. Peck, 75c.; bush., $2.00; bbl., $3.75.

Plants ready in May, 50c. per 100, postpaid; by express, 35c. per 100; $2.50 per 1,000.

Vineland Bush Sweet Potato (New). Lb., 40c.; 3 lbs., $1.00. Plants, 75c per 100, postpaid.

NEW WINTER LUXURY PUMPKIN. Excellent for pies. Fine winter keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

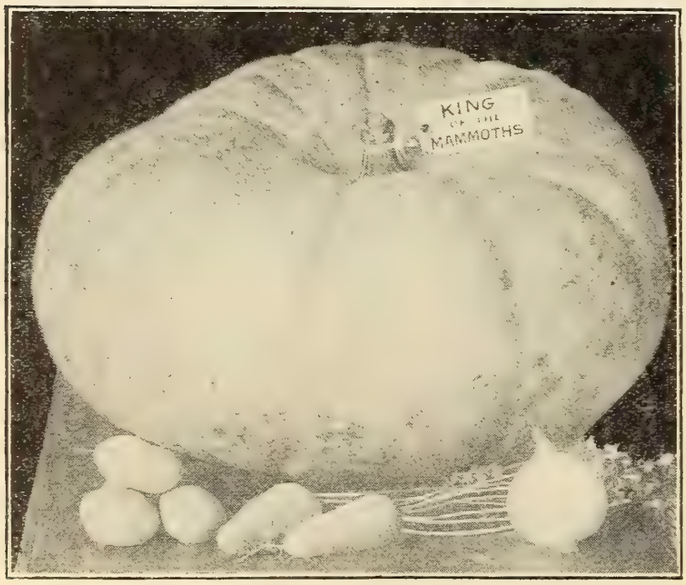
Field of BIG TOM PUMPKINS. Over 20 tons to the acre. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

PUMPKINS—A Select List of Standard Sorts

One pound will plant two hundred to two hundred and fifty hills; four to six pounds plant one acre.

Large packets, 5c. each.

	Per oz.	¼ lb.	Per lb.
Cashaw, or Crook Neck. The old standard and popular Crook Neck Cashaw.	$0 10	$0 25	$0 80
Improved Green Striped Cashaw. Improvement on White Cashaw; green and white striped; flesh rich yellow, solid, fine grained, very thick and sweet . .	10	25	90
New Mammoth Golden Cashaw. The best Cashaw. Skin and flesh rich orange,	10	25	90
Nantucket Sugar, or Negro. A New England variety with dark green skin . .	10	25	90
Small Sugar. Early, prolific; very thick sweet flesh; orange color; fine keeper,	10	20	70
Tennessee Sweet Potato. Bell-shaped; white flesh, very thick and sweet . . .	10	25	90
New Winter Luxury. Golden yellow, finely netted; shape round; flesh very rich; productive and unequalled as a winter keeper and cooking variety . . .	10	25	90
Quaker Pie. Shape nearly oval. Cream-colored skin and flesh; fine quality . .	10	25	90
Calhoun Pumpkin. Nearly round, somewhat flattened on the ends; skin creamy brown; flesh deep salmon yellow, thick, fine grained, excellent for pies, etc. .	10	20	75
Mammoth Bright Red Etampes. Glossy red, flat, growing very large. Pkt., 10c.,	20	45	1 50
Mammoth Tours, or Citrouille. Very large; used in France for feeding cattle,	10	25	85
Large Sweet Cheese, or Kentucky Field. Light yellow, productive and popular,	10	20	60
Common Yellow, or Connecticut Field. Very productive; grown largely for feeding stock (by express or freight, 10 lbs. for $2.25; bush., 25 lbs., $5.00),	5	10	35



KING OF THE MAMMOTHS PUMPKIN. Photographed with Potatoes, Carrots and Onion for comparison as to size.

BIG TOM FIELD PUMPKIN

This new pumpkin is the result of many years' selection from the old Golden Marrow or Michigan Mammoth Pumpkin. So carefully has the selection been made, that the Big Toms will run uniformly to more than twice the size and weight. See photograph above. Skin and flesh are of a deep, rich orange color, of excellent flavor for pies, etc., cooking soft and tender. For canning, table use and stock feeding no more profitable or better variety can be grown. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.

KING OF THE MAMMOTHS

The Greatest of all Exhibition Pumpkins

No other ever introduced has reached such **enormous weights,** often 150 lbs. and over, and been awarded as **many prizes.** The flesh and skin are **golden yellow,** and notwithstanding its enormous size, it makes a good **table and pie pumpkin.** Price, pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., $1.50.

A Special Collection of Mammoth Pumpkins for 15 Cents

As an extra inducement for customers to give our Mammoth varieties a trial, we will send, free by mail, one packet each, King of Mammoths, Mammoth Bright Red Etampes, Mammoth Tours, and Big Tom, giving a magnificent collection of 4 great Mammoth Varieties for only 15 cents.

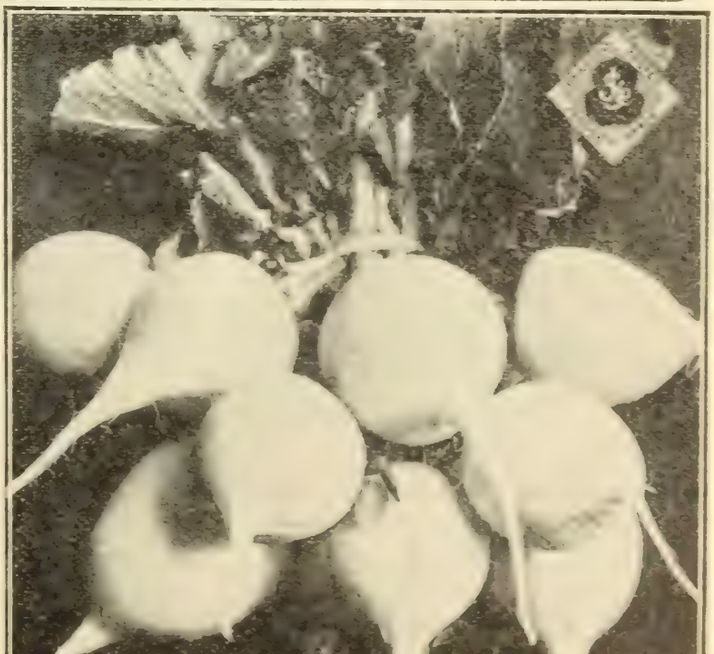
A section of field at our Bristol Seed Farm, Bucks County, Pa., showing our crop of NEW EARLY SNOW-WHITE BOX RADISH in full bloom, just before seeding. See photograph of radish, bottom of this page.

Popular Early and Summer RADISHES

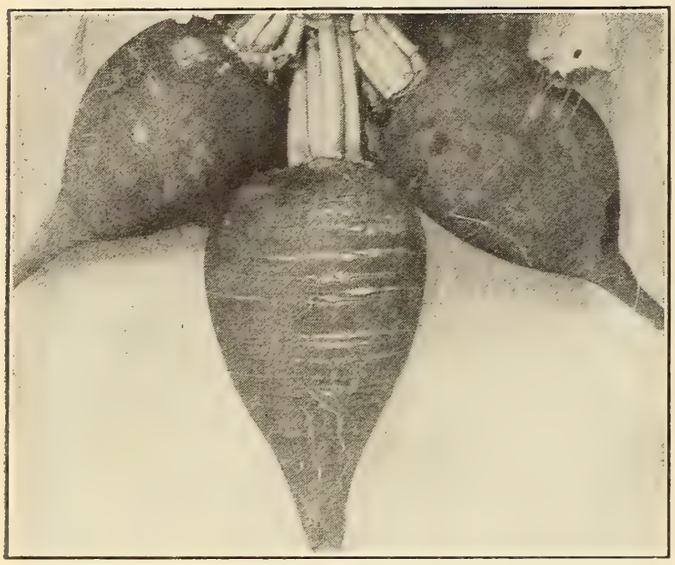
We supply large packets of any variety at 5c. each

	Per oz.	¼ lb.	Per lb.
Extra Early Scarlet Turnip. Very early; small, round (5 lbs., by express, $2.50),	$0 10	$0 20	$0 65
Earliest Round Dark Red. (Scarlet Button.) Very fine and early; deep color,	10	20	75
Startle, or Twenty-Day Forcing. (Red Rocket.) The earliest half-long red . .	10	25	85
Johnson's Earliest. Extra Philadelphia market garden strain. See page 14 . .	15	50	1 50
Crimson Giant. (New.) Large, round, red, forcing, equally good for outdoor culture,	10	20	75
Scarlet Turnip, White Tip. Popular (5 lbs. and over, by express, 50c. per lb.) .	10	20	65
Rosy Gem, or Rapid Forcing. Resembles above in color; a week earlier	10	25	80
Double Quick White Forcing. (New.) Very early; handsome long, pure white,	10	25	90
White Icicle. Finest and longest of very early pure white varieties	10	25	80
Felton's White Box. Round; skin and flesh pure white (5 lbs., $2.75, by express),	10	20	65
French Breakfast. Olive-shaped; red, tipped with white; very handsome . . .	10	25	75
Olive-Shaped Golden Yellow. (Surprise.) Earliest yellow; fine for early or summer,	10	25	85
Newcom. Earliest, best and largest half-long white (5 lbs., $3.25, by express) . .	10	25	75
Philadelphia Gardeners' Long Scarlet. A great improvement on old Long Scarlet; earlier; shorter top; better shape and color; fine keeper (5 lbs., $3.00) .	10	20	70
Cincinnati Market. Superior to Wood's Frame. Long, smooth, very small top,	10	20	65
Long Brightest Scarlet, White Tipped. (Long Cardinal.) New French sort . .	10	25	75
Chartier, or Shepherd. Large, long summer radish; scarlet, with white tip . .	10	20	65
New White Chartier. Improvement on above; earlier; pure white and handsome,	10	25	75
White Strasburg. The most popular and best half long summer (5 lbs., $3.75),	10	25	75
Lady Finger, or Long White Vienna. One of the best (5 lbs., $2.50)	10	20	65
Large White Summer Turnip, or Globe. Very popular (5 lbs., $2.50, by express),	10	20	60
Improved Large Yellow Summer Turnip. Improved shape, fine (5 lbs., $2.50),	10	20	60

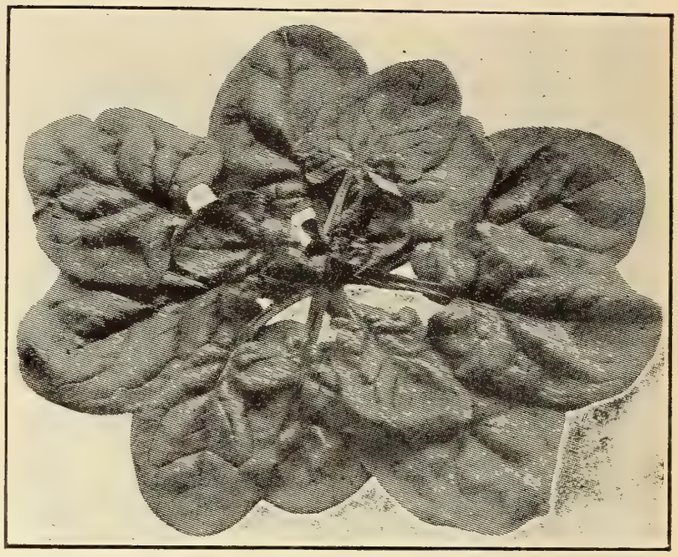
SCARLET OR CARDINAL GLOBE. French grown. Best for greenhouse. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



NEW EARLY SNOW-WHITE BOX. The very earliest and best round white radish. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



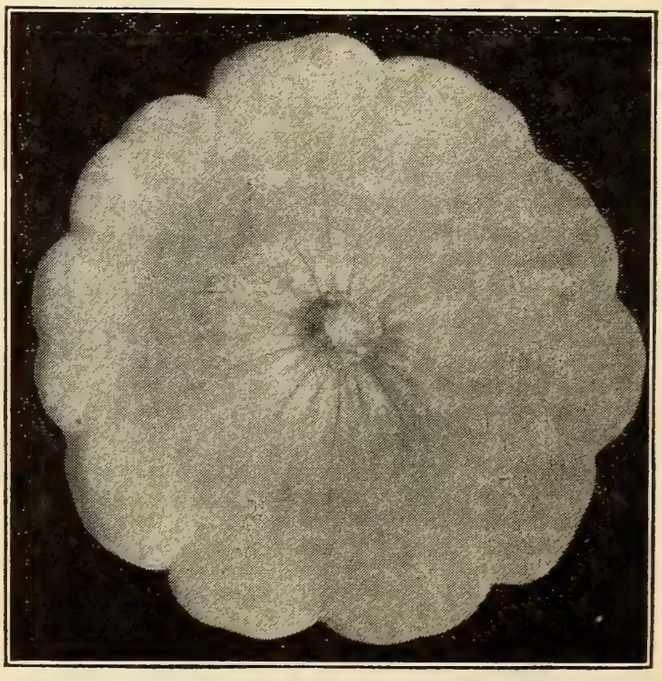
Improved Half-Long Black Spanish Radish. (New.) One of the best for late summer and autumn planting. Flesh mild, sweet and never pithy. If stored in damp sand in the cellar they will keep all winter. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c., postpaid; lb., 70c., by express.



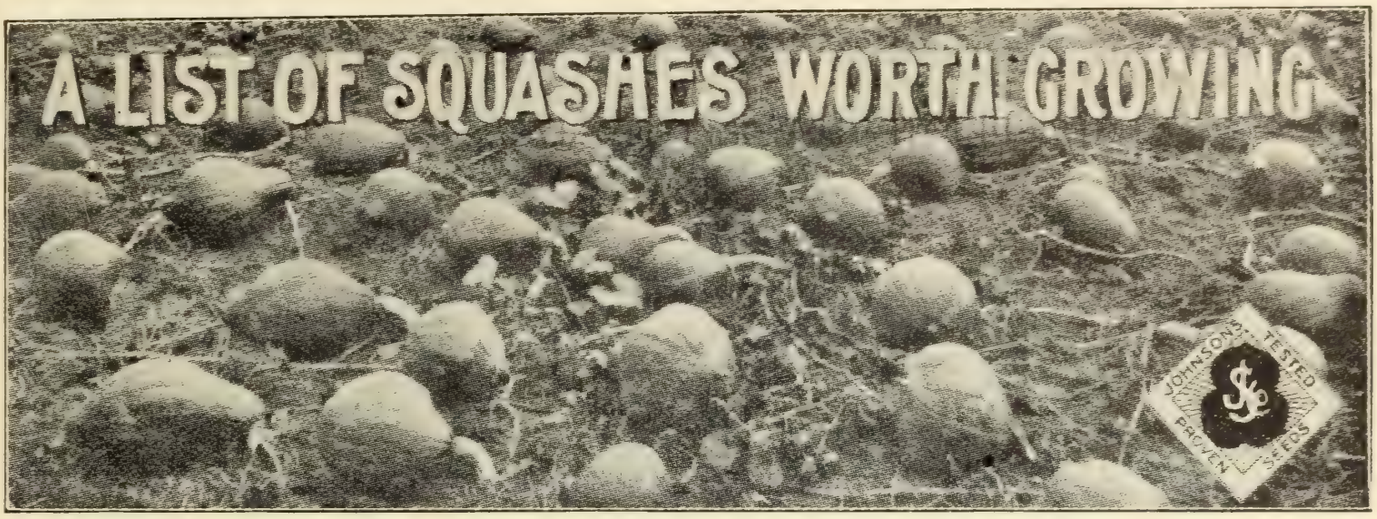
Henderson's "Long Season" Spinach. (New.) Keeps in firm, fresh condition, never wilting in the hottest weather; spreading flatly on the ground. Leaves much crumpled and blistered. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c., postpaid; lb., 35c.; 5 lbs., $1.50; 10 lbs., 28c. per lb., by express.

ALL SEASONS AND WINTER RADISHES. Packets, 5c. each.	Per oz.	¼ lb.	Lb.
New Round Scarlet Chinese. Valuable either as a winter or summer radish..	$0 10	$0 30	$1 00
New Celestial, or White Chinese. Very large. Valuable for summer or winter,	10	30	1 00
China Rose Winter. One of the best and most popular for winter use.....	10	20	60
Round Black Spanish. Fine globe-shaped winter; popular with Germans....	10	20	70
Long Black Spanish. Large winter variety; very hardy, keeping until spring..	10	20	60
RHUBARB OR PIE PLANT			
Large Victoria. An excellent cooking variety; selected seed (pkt., 5c.)	15	35	1 10
Rhubarb Roots. Early Strawberry and Victoria. Each, per large root, 15c.; doz., $1.00; 100, $4.00, by express; by mail, postpaid, 20c. each; $1.50 per doz.			
SALSIFY OR OYSTER PLANT			
Mammoth Sandwich Island. By far the largest and best for market or home,	15	40	1 40
Wisconsin Golden. (New.) Light golden tinge; tender and delicious.....	15	40	1 50
SPINACH			
One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre. Large packets, 5c. each. If by express, deduct 10c. per lb.			
American Round-Seeded Savoy, or Bloomsdale. Most popular for market..	10	15	35
New Victoria. Extra dark, black-green color, splendid for spring sowing.....	10	15	35
Parisian Long Standing. Will stand 2 weeks longer without running to seed..	10	15	40
Giant Thick Leaved Round. (Improved Viroflay.) Large, dark green leaves,	10	15	30

PARISIAN LONG STANDING SPINACH. Showing its strong growth.



NEW EXTRA EARLY JERSEY WHITE BUSH. The earliest squash



Section of our field of RED OR GOLDEN HUBBARD SQUASHES, growing for seed. This new variety is as fine in quality and even more productive than the old original Hubbard. Choice seed, per pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

One ounce will plant twenty to forty hills. Four to six pounds will plant one acre.

Large packets of any of the following varieties, 5c. each.

	Per oz.	¼ lb.	Per lb
THE BEST SUMMER SQUASHES			
White Bush Scallop. The well-known white Patty Pan (5 lbs., $2.75, by express),	$0 10	$0 20	$0 70
Mammoth White Bush (Silver Custard). Grows to twice the size of above . .	10	20	70
New Extra Early Jersey White Bush. An improved extra early strain of the old White Bush. Selected and improved by a New Jersey grower. Very productive and shows less ridge or scallop, containing a larger amount of flesh,	10	30	90
Early Golden, or Yellow Bush. Differs from White Bush only in orange color,	10	20	75
Golden Custard. Very large Golden Yellow Bush; fine for market	10	20	75
Giant, or Mammoth Summer Crookneck. Very fine; best of the Crooknecks,	10	25	80
FALL AND WINTER SQUASHES			
Boston Marrow. Bright orange; skin and flesh of very superior quality; a splendid winter keeper and most popular for autumn use and canning . . .	10	20	70
Early Prolific Orange Marrow. Earlier than Boston Marrow; very productive,	10	25	75
New Golden Bronze. Fine. Flesh golden-yellow, tender. Excellent keeper .	10	25	75
Hubbard. The old favorite; popular winter squash; dark green skin; rich flesh,	10	20	70
Red, or Golden Hubbard. A perfect type of its parent, with red skin.	10	30	90
Chicago Warted Hubbard. Improvement on Hubbard; skin heavily warted .	10	30	85
Fordhook. Early, sweet and dry; also a good summer variety; form oblong . .	10	30	1 00
Mammoth Chili. The Jumbo of all squashes, often weighing 200 pounds and over .	15	40	1 40

Johnson's Vegetable Plants

GROWN FROM JOHNSON'S TESTED AND PROVEN SEEDS

Try our POTTED EGG and TOMATO PLANTS. They are all grown cool and stocky. If wanted in quantity, write for special prices.

EARLY CABBAGE PLANTS. Johnson's Very Earliest, Johnson's Jersey Wakefield, Johnson's Quick Cash and other leading varieties. For April and May delivery. Transplanted. 40c. per 100; $2.50 per 1,000.

LATE CABBAGE PLANTS. Johnson's Matchless Late Flat Dutch, Drumhead and other standard varieties. Ready July 1st. 25c. per 100; $1.60 per 1,000.

CAULIFLOWER PLANTS. Pearl of Denmark, Early Alabaster and Snow Ball. Ready in April. Potted, 50c. per dozen; $4.00 per 100. Transplanted, 25c. per dozen; $1.50 per 100.

CELERY PLANTS. Ready July 1st. Johnson's Cremona, Winter Queen, Golden Self Blanching, White Plume, Pascal, etc. 40c. per 100; $3.00 per 1,000.

LETTUCE PLANTS. Ready in April. Head and Curled Leaf varieties of special and standard sorts grown in flats. 20c. per dozen; 75c. per 100; $5.00 per 1,000.

EGG PLANTS. Ready in May and June. Johnson's Northmount, Black Beauty, New Jersey Improved Large Purple Smooth Stem. Grown in pots, 50c. per dozen; $4.00 per 100. Out of hot beds, 30c. per dozen; $2.00 per 100.

PEPPER PLANTS. Ready in May and June. Ruby Giant, Large Bell, Ruby King. 20c. per dozen; $1.25 per 100.

SWEET POTATO PLANTS. Vineland Bush, 50c. per 100; $4.00 per 1,000. Carolina, Up Rivers and Nansemond, 35c. per 100; $2.50 per 1,000.

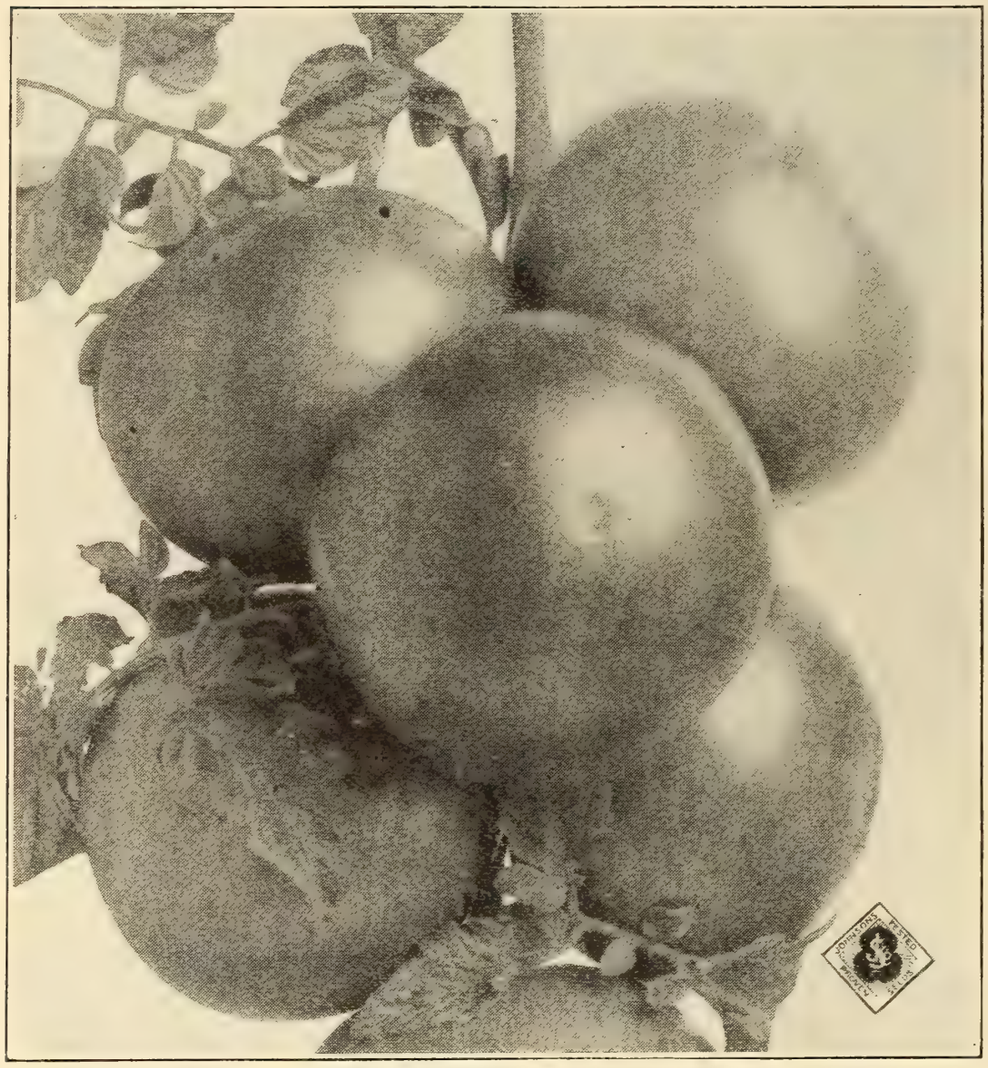
TOMATO PLANTS. Ready in May and June. We make a specialty of Tomato Plants, and can supply all the leading varieties. Potted Earliana, Johnson's Jack Rose and other standards, 50c. per dozen; $4.00 per 100; $30.00 per 1,000. Transplanted, 20c. per dozen; $1.00 per 100; $7.00 per 1,000. Not transplanted, $5.00 per 1,000.

TOMATO SEEDS FROM SELECTED FRUIT

All our Tomato Seeds are grown especially for seed and from seed stocks carefully selected and saved by ourselves. We challenge comparison of our stocks w th any offered.

One ounce will produce about thirteen hundred plants.

With your order, **ask for our** NEW LEAFLET ESSAY ON TOMATO CULTURE. Free with your order.



Photograph of cluster of JOHNSON'S GIANT BEAUTY, the best second early pink tomato.

JOHNSON'S NEW GIANT BEAUTY TOMATO

After repeated selection for several years, we offered for sale for the first time last season seed of the handsomest, largest, smoothest second early pink tomato in cultivation. It will be found the most profitable, owing to its handsome form and appearance and wonderful productiveness—beefy, meaty, thick, solid and almost seedless; has never been known to scald or blight. Pkt., 15c.; oz., 45c.; ¼ lb., $1.25; lb., $4.50.

LIVINGSTON'S NEW CORELESS TOMATO

This is Livingston's latest tomato, and upon our trial grounds last season we found it a good one as a main crop variety, bright red, almost round, very solid and entirely free from green core. Pkt., 10c.; oz., 35c. ¼ lb., $1.00; lb., $3.50.

JOHNSON'S JACK ROSE TOMATO

Its wonderful productiveness is shown in the illustration of a single plant, made from a photograph, on page 15. See also back cover. Pkt., 20c.; oz., 50c.; ¼ lb., $1.50; lb., $5.00.

JOHNSON'S JUNE PINK TOMATO

Johnson's June Pink Tomato is a **Pink Earliana,** ripening fully as early. The plant is neat and compact, branching freely, with fruit hanging in clusters. Yielding as much fruit, which is of medium size, uniform, smooth, without cracks or green core. The skin is a pleasing pink color, reasonably tough, so that it is excellent for shipping purposes. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., $3.25.

BURPEE'S EARLIEST PINK TOMATO

Medium size, solid, bright pink, borne in clusters. In our trials the past two seasons we found it very early, productive and altogether a fine early tomato. Pkt., 10c.; oz., 30c.; ¼ lb., 85c.; lb., $3.00.

CHALK'S EARLY JEWEL TOMATO

Heavy cropper, fine, large red fruit, sweet flavor, about two weeks later than Earliana; ripening up to the stem, without cracks or green core; flesh thick and solid, with few seeds. Pkt., 10c.; oz., 25c.; ¼ lb., 70c.; lb., $2.25.

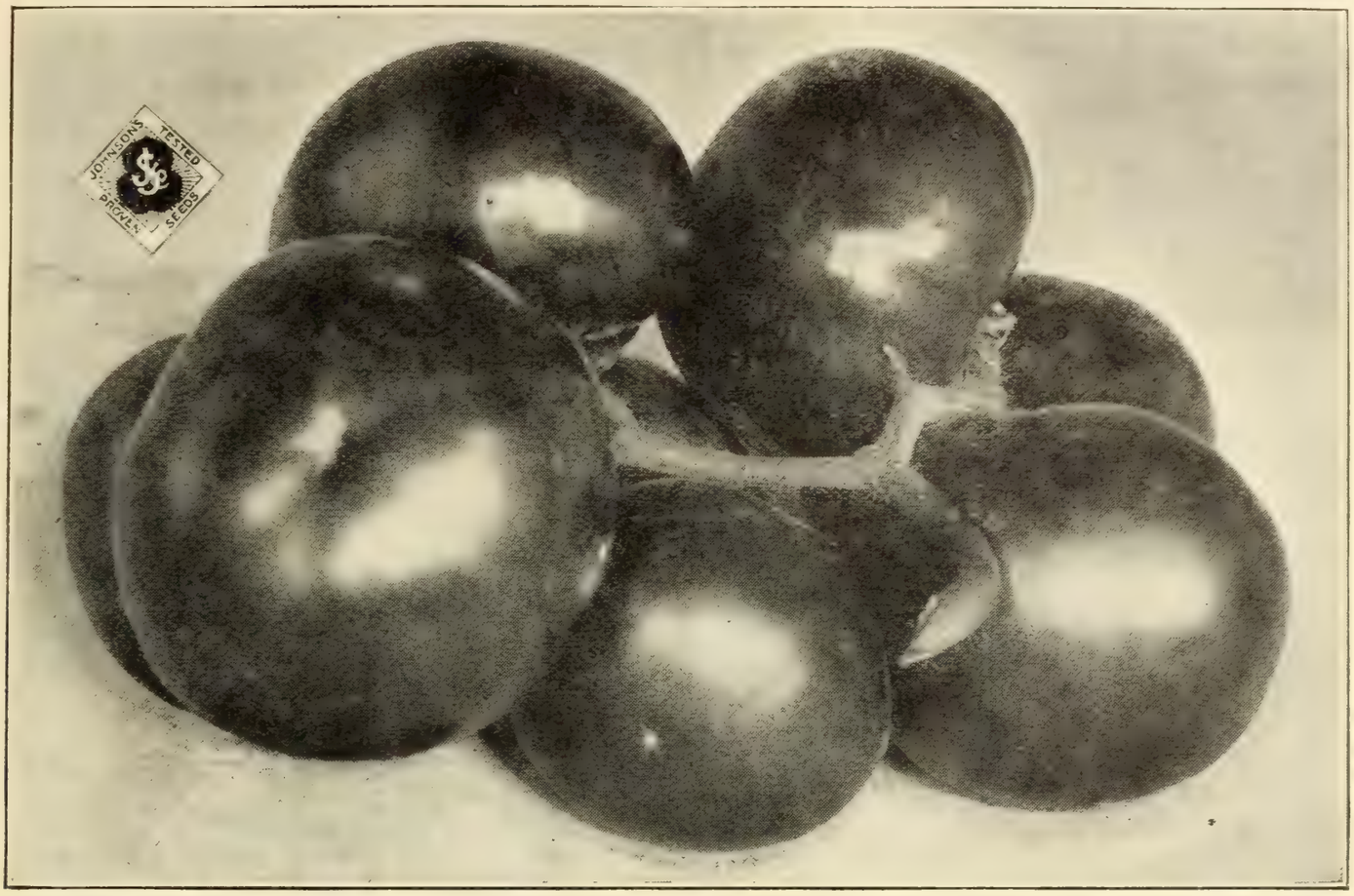
JOHNSON'S STONE TOMATO

We have a very fine strain of this standard and most popular late, red, smooth variety. It is particularly calculated for canning in glass jars whole. It is very solid; no core and very few seeds. They maintain their size all through the season, and are the best for late summer market and canning.

From extra selected seed stock, grown by ourselves in Michigan. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

DUKE OF YORK TOMATO

Very popular in the South, a splendid cropper, large, round, purplish red in color, flesh firm, and a good shipper. Pkt., 10c.; oz., 30c.; ¼ lb., 85c. lb., $3.00.



Photograph of a Single Cluster of JOHNSON'S IMPROVED STRAIN NO. 10 SPARKS' EARLIANA. See page 16.

SPARKS' EARLIANA TOMATO

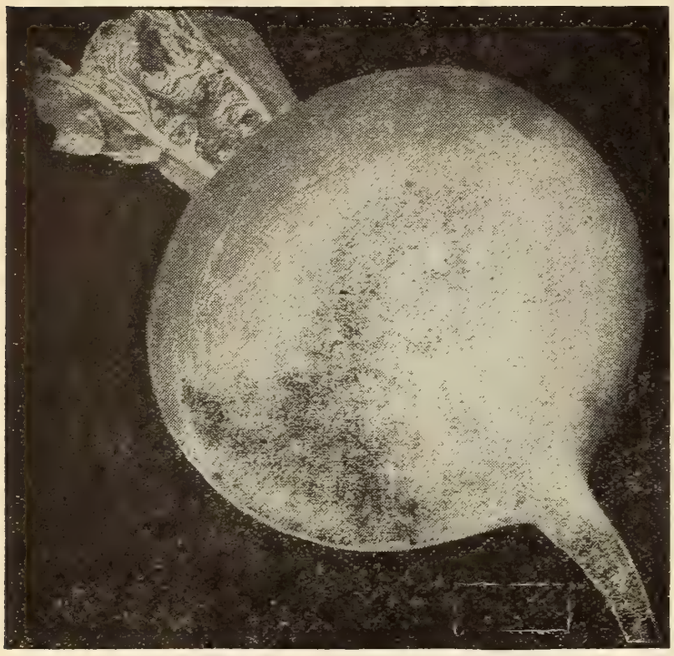
Discovered and named by the writer, Herbert W. Johnson. Has proven one of the most successful novelties ever introduced. **It has stood the test—the test of all novelties, that of time**—and still ranks—**one of the largest very early smooth tomatoes in the world.** *Be sure that you get the pure selected and true stock from Headquarters—The Johnson Seed Company.*

SPARKS' EARLIANA TOMATO, True Stock: Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.00.
Price of **JOHNSON'S IMPROVED No. 10 STRAIN:** Pkt., 15c.; oz., 40c.; ¼ lb., $1.00; lb., $3.50

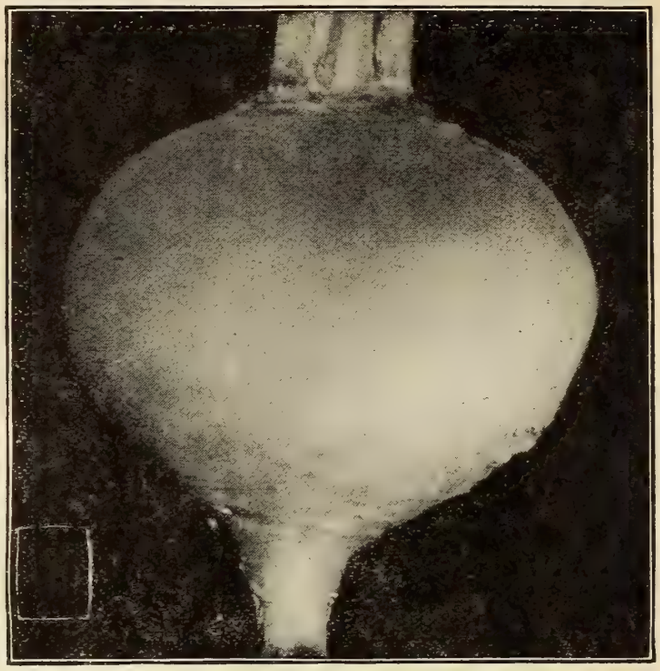
Select List of Standard TOMATOES—SEED OF OUR OWN GROWING

In regular size large packets, each, **5c. per packet,** except where noted.

	Per Oz.	¼ Lb.	Per Lb.
Early Paragon. Bright red; productive; standard for market and canning	$0 20	$0 50	$1 50
Livingston's Perfection. Early; large size; very productive; fine blood red	20	50	1 60
Livingston's Favorite. Large, smooth, productive; a good shipper and canner	20	50	1 60
Livingston's Beauty. Large, smooth, purplish pink; thick flesh; regular form	20	60	2 00
Giant Acme. Bright pink; smooth, round, uniform size; productive and popular,	20	60	**2 00**
Henderson's Tenderloin. A new meaty, crimson, solid, second early; pkt., 10c.,	35	1 00	**3 50**
Atlantic Prize. Extra early; bright red; smooth, solid; profitable; pkt. 10c.	20	50	1 75
Buckeye State. Very large, solid, meaty; deep purple; heavy cropper; pkt., 10c.,	25	70	2 50
Lorrilard. Best for greenhouse forcing; bright glossy red; very smooth; pkt., 10c.,	25	75	2 75
Livingston's Globe. Globe shape; smooth, large, productive; pkt., 10c.	30	85	3 00
The Matchless. Large bright red; solid, heavy; will keep ten days after being picked; yields all season; pkt., 10c.	25	70	2 50
Success. Large, smooth, bright scarlet; second early; pkt., 10c.	25	65	2 25
Truckers' Favorite. Large, solid and productive; color of Acme; pkt., 10c.	25	70	2 50
Johnson's Blight-Proof. Best for South, large red, smooth; pkt., 10c.	50	1 25	**4 50**
Brandywine. Finest late; large, solid, smooth, bright red; prolific; pkt., 10c.	25	75	2 75
Ponderosa. The largest variety in cultivation; a monster; pkt., 10c.	40	1 10	4 00
Ignotum. One of the earliest large, red, smooth varieties; productive; pkt., 10c.,	25	60	2 00
Dwarf Champion. Early; fruit resembles Acme; foliage upright; pkt., 10c.	25	65	2 25
The Great B. B. Brinton's Best. One of the very best of the second early and main crop tomatoes; large, red, smooth and solid; pkt., 10c.	25	75	2 75
Santa Rosa. Main crop, mammoth, solid, meaty, almost seedless; brilliant color, fine for home garden; pkt., 10c.	30	1 00	3 00
Yellow Plum. Plum shape; bright yellow; used for pickles; pkt., 10c.	25	70	2 50
Clusterosa Yellow Egg. Small yellow; best for preserving; pkt., 10c.	25	70	2 50
Red Cherry. An inch in diameter; borne in clusters; for pickles; pkt., 10c.	25	70	2 50



NEW MAMMOTH PURPLE-TOP GLOBE TURNIP.



MYERS' PURPLE-TOP BEAUTY RUTA-BAGA.

TURNIPS AND RUTA-BAGAS, OR SWEDES

One ounce will sow one hundred and fifty feet of drill; one to one and one-half pounds will sow an acre.

Large packets of any variety, 5c.; 10c. per lb. may be deducted for 5-lb. lots.

	Per oz.	¼ lb.	Per lb.
Early Snowball. Very handsome; extra early, pure white, tender and sweet . .	$0 10	$0 20	$0 60
Purple-Top Flat. (Strap-leaved.) Well-known standard popular early sort . . .	5	15	45
Early White Flat Dutch. Very popular for spring sowing; fine for market . . .	5	15	45
Early Red-Top White Globe. Early, productive and popular for market	5	15	50
Mammoth Purple-Top Globe. An improvement on Red-Top White Globe,	10	25	70
Purple-Top Milan. (True.) The earliest flat turnip; a very shy seeder	10	25	70
Extra Early White Milan. Same as the Purple-Top Milan, except white skin . .	10	25	80
Early White Egg. Very handsome; pure white; excellent for early or late . . .	10	20	55
Pomeranean Large White Globe. Useful for both table and stock; very large,	10	20	55
Long Cow Horn, or White French. Very heavy cropper; best for stockmen .	10	20	60
Golden Ball, or Orange Jelly. Small; very early; fine quality and flavor . . .	5	15	50
Yellow, or Amber Globe. Vigorous grower; fine keeper; popular for market,	5	15	50
Yellow Aberdeen, Globe-Shaped. Very large; fine for table or cattle	10	20	55
Budlong, or Breadstone. Very early half-long white; fine table sort	10	20	65
Rhode Island White Rock. Early, productive and very handsome	10	25	70
Monarch, or Elephant Ruta-Baga. Large, oval-shaped; yellow flesh	10	20	55
Long Island Ruta-Baga, Purple Top. Very large; fine yellow flesh	10	20	60
Myers' Purple-Top Beauty Ruta-Baga. An improved market garden sort,	10	25	65
Improved Purple-Top Yellow Ruta-Baga. Our finely bred strain; very popular,	10	20	55
Large White Ruta-Baga. Very large and productive; white skin and flesh . . .	10	20	55
Seven Top. Very hardy; grown for leaves, which are used as greens or salads .	5	15	50

SEEDS OF POT, SWEET AND MEDICINAL HERBS, ETC.

All Herbs in Large Packets at 5 cents each, except where noted

	Per oz.	¼ lb.	lb.
Anise. Seeds aromatic . . .	$0 10	$0 25	$0 90
Balm. For culinary purposes,	20	65	2 25
Borage. Used for flavoring,	15	40	1 25
Sweet Basil (Broad-Leaved),	15	45	1 50
Caraway Seed. For flavoring,	10	25	75
Catnip (Cat Mint). Pkt., 10c.,	35	1 00	
Chervil. Used like parsley,	10	25	75
Chicory. Large rooted . . .	10	20	60
Coriander. Seeds aromatic,	10	20	60
Dill. For flavoring vingear .	10	20	60
Fennel. (Sweet)	10	25	75
Fennel. (Florence)	20	50	1 75
Horehound. Pkt., 10c. . . .	25	75	2 50
Hyssop. Medicinal. Pkt., 10c.,	25	75	2 50
Lavender. For oil and water,	20	50	1 60
Marigold, Pot. For soups .	15	45	1 50

	Per oz.	¼ lb.	lb.
American Sweet Marjoram. Superior to imported; seed of own growing. Pkt., 10c.,	$0 40	$1 00	$3 50
Imported Sweet Marjoram,	15	40	1 40
Rosemary. For seasoning and aromatic oil. Pkt., 10c.,	30	85	3 00
Rue. Has medicinal qualities,	20	50	1 75
Saffron. Medicine and dyeing,	10	30	90
Sage. Most used of all herbs,	20	45	1 50
Sorrel. (Large-Leaved.) Cultivated for acidity	10	30	1 00
Summer Savory. Culinary,	10	30	1 00
Winter Savory. Flavoring,	20	50	1 75
Tansy. For bitters. Pkt., 10c.,	35	1 00	3 50
Thyme. Broad-leaved. Pkt., 10c.,	25	75	2 50
Wormwood. For poultry .	15	40	1 40

JOHNSON'S NEW LEAFLET-ESSAYS ON IMPORTANT VEGETABLES, ETC., SENT FREE

A few instructive new Leaflet-Essays for 1910, making twenty in all. Any or all of these are free when asked for with Seed or Poultry Supply orders.

No. 1. **ASPARAGUS.** Making the Bed, Setting Roots, Cultivating, Fertilizing and Marketing.
No. 2. **BEANS AND PEAS.** How to Grow. New Leaflet.
No. 3. **BEETS.** Garden, Mangel and Sugar Beets for Stock Feeding.
No. 4. **CABBAGE.** Planting Out, Cultivation, Diseases and Insects, Storing and Marketing.
No. 5. **CAULIFLOWER.** How to Grow Successfully in the Home Garden.
No. 6. **CELERY.** Soil, Fertilizers, Planting, Cultivating, Blanching, Storing for Winter.
No. 7. **CUCUMBER AND EGG PLANT.** How to Grow to Perfection, even on a few square yards of soil. A new and important Leaflet.
No. 8. **HORSE RADISH AND RHUBARB.** The Money-Making Crops.
No. 9. **MELONS.** Musk or Cantaloupe and Watermelons. Cultivation, Manuring, Insect Enemies.
No. 10. **MUSHROOMS.** How to Prepare Bed, Planting Spawn, Temperature and Marketing.
No. 11. **ONIONS.** Preparing the Soil, Fertilizers, Planting Seeds and Sets, Cultivating, Harvesting, Storage, Marketing, etc., of this Popular Crop.
No. 12. **SWEET POTATOES.** Growing Sprouts, Setting Out, Cultivating, Harvesting, Storing, etc.
No. 13. **TOMATO CULTURE.** How to Grow and Market. New Leaflet.
No. 14. **FLOWER CULTURE FROM SEED.** To Successfully Grow Sweet Peas, Nasturtiums, Pansies and other Popular Flowers. Complete Cultural Directions.
No. 15. **SASHES AND BEDDING PLANTS.** Treating Principally on Hot Beds and Cold Frames.
No. 16. **THE FAMILY VEGETABLE GARDEN.** Telling How and What to Grow.
No. 17. **HINTS ON LAWN-MAKING AND GRASS SEED MIXTURES** for Lawns, Golf Grounds, Permanent Pasture and Mowing.
No. 18. **WINTER EGG PRODUCTION.** How to Increase it by Breeding, Feeding and Housing.
No. 19. **POULTRY DISEASES, SYMPTOMS AND REMEDIES.**
No. 20. **THINGS WORTH KNOWING.** Invaluable to Everyone Who Keeps a Chicken.

In asking for these essays, it is only necessary to give the number of the essay wanted. They **are not for sale** and cannot be sent unless seed or roots of the kind on which they treat are included in the order, except Nos. 15 and 16, which will be sent, when requested, with any order of 50 cents or over.

Poultry Essays sent free with any Poultry Supply order

BOOKS FOR THE FARM, GARDEN AND POULTRY YARD

Standard works by acknowledged authorities. Postpaid on receipt of price. If included in a seed order, we allow a discount of 10 per cent. from publishers' prices here quoted

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How Crops Grow. A treatise on the chemical composition, structure and life of the plant. Johnson, $2 00
How Crops Feed. A treatise on the atmosphere and soil as related to the nutrition of Plants. Johnson, 2 00
Alfalfa. Its uses and how to grow it 50
Farm Gardening, or Quick Cash Crops and How to Grow Them. Tells how and what to grow, how to fertilize and how to treat insect enemies, etc. Illustrated. Bound in cloth 60
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How to Destroy Insects on Plants and Flowers, 25
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Poultry Plant Construction. Buildings, plans, etc., 1 00
Duck Culture. Rankin 50
An Egg Farm, or the Management of Poultry in Large Numbers. H. H. Stoddard 1 00
A B C of Bee Culture. Gleanings from the experience of thousands of bee-keepers. By A. I. Root, 1 50

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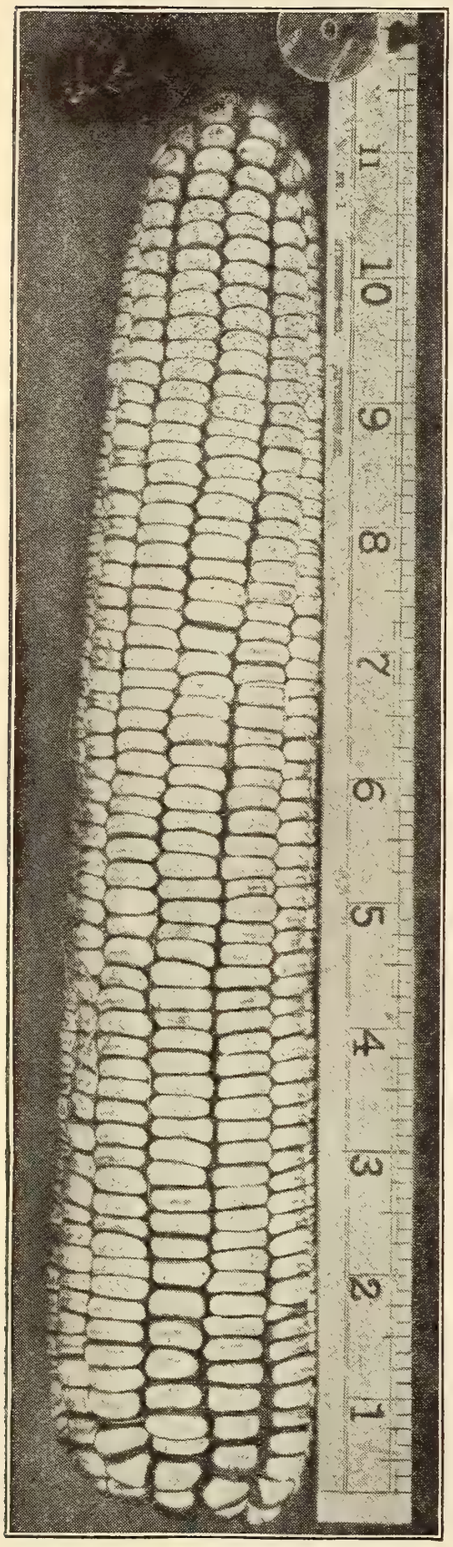
JOHNSON'S POULTRY SUPPLY CATALOGUE
IS FULL OF UP-TO-DATE SUGGESTIONS
WE CARRY THE LARGEST LINE OF
Poultry, Dairy and Bee Supplies
IN THE EAST

Johnson's Thoroughbred Field Corn

SELECTED FOR SEED—TESTED FOR VITALITY



Average ear, 100-DAY BRISTOL CORN.

Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS,** we have given particular attention to this department of our business and made the **SELECTION AND IMPROVEMENT OF FIELD CORN AND OTHER FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality. Note our reasonable prices for the quality we furnish. No better to be had at any price.

THE 100-DAY BRISTOL FIELD CORN

When a few years since, before naming and introducing it, I first saw this corn growing in the field, with its **enormous stalks and fodder,** one-half again as high as an ordinary-sized man, and its magnificent ears, averaging nearly a foot in length, as shown in the photograph, I was inclined to doubt its earliness. But after growing it ourselves and on the farms of hundreds of customers, we have found it cut and shocked, ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow; the cob is small considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. It is very high in protein, making it a fine ensilage corn. In fact, it is a **perfect field corn in all respects.** Prices, pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid by mail; by express or freight, shelled, peck, 60c.; bush., $1.85; sack of 2 bush., $3.50; 10 bush. and over, $1.65 per bush.; 50 ears, $2.75; 100 ears, $5.00, sacks included.

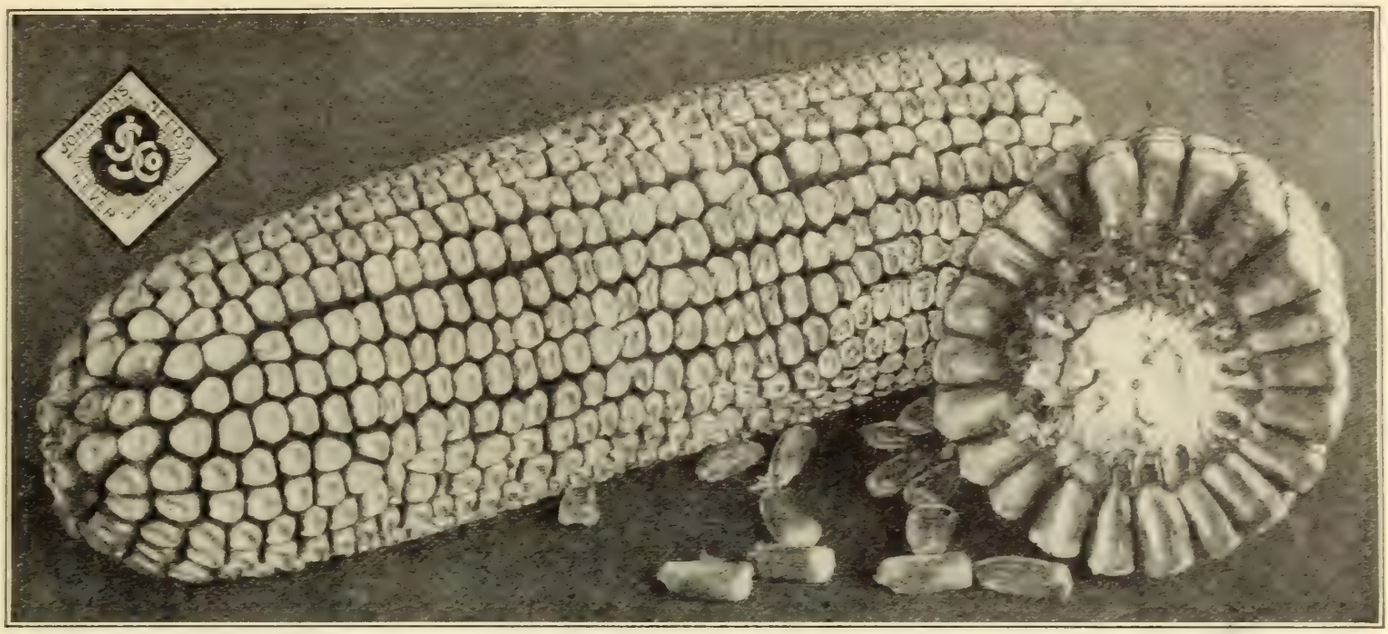
JOHNSON'S IMPROVED LEAMING CORN

I feel it a great honor to have been the first to call attention to the great value of the **Improved Leaming Corn,** twenty-one years ago, since which time it has grown in popularity each season, and is now catalogued by nearly every seedsman in America. It is probably more largely planted now, both in the Northern and Southern States, than any other field corn known. This and the **100-Day Bristol Corn** are by far the earliest and best large-eared Early Yellow Dent Corns in cultivation. The ears are **large and handsome,** with **good grain,** of deep orange color and small red cob. Stalks grow to medium size (not large) with few suckers, slender and leafy, making most excellent fodder, producing two good ears to each stalk; husks and shells easily. It ripens in 90 to 100 days, and never fails to make a good crop even in dry seasons, by reason of its earliness in maturing and strong, vigorous growth. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive, and also in the extreme Northern States, where it has become very popular for fodder and ensilage purposes. Much of the so-called Leaming Corn of other catalogues is not the true improved strain as selected and grown by ourselves in Chester County, Pa. Prices, by mail, postpaid, pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, bags included, qt., 15c.; peck, 60c.; bush., $1.75; sack of 2 bush., $3.25; 10 bush. and over, $1.60 per bush.; ears, 50 for $2.75; 100 for $5.00.

AUSTIN'S COLOSSAL YELLOW DENT CORN

A WONDER IN LARGE SIZE OF EARS, UNIFORMLY OVER A FOOT IN LENGTH

The writer first saw this new corn while visiting the Pan-American Exposition at Buffalo, in 1901. Of the hundreds of varieties there exhibited, from almost every State in the Union, it carried off the honors, and I feel justly proud in being the first to procure the seed from its experienced originator, Mr. H. W. Austin, to offer for sale The yield on the farm of the originator in past seasons has averaged over 100 bushels to the acre, and in the most unfavorable seasons it has never given anything but a good yield of its magnificent ears, borne two to a stalk, ripening in 115 to 125 days from planting; grain deep, rich yellow, very heavy, and will sell for the highest prices on any market in the land; stalks medium, not too large, and produce enormously on both light and heavy land. Prices: pkt., 10c.; lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, sacks included, peck, 60c.; bush., $1.85; bag of 2 bush. for $3.50.



Photograph of an average ear and section of ear of JOHNSON'S GIANT BEAUTY. Notice how the butt and end of ear is filled at tip, also smallness of cob, both of which are valuable features of this corn.

Johnson's Giant Beauty Field Corn

Giant Beauty is a cross between Cloud's Early Dent and Golden Beauty, possessing the **earliness, large-sized ear and deep grain** of the former, with the **handsome, deep yellow color** of the latter. Its rich, golden color indicates its strong, nutritive qualities. It is a very vigorous grower, averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob. It is a grand variety, and has become very popular in the famous corn sections of Delaware and Chester Counties, Pa. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid, by mail; by express or freight, sacks included, peck, 65c.; bush., $2.25; sack of 2 bush., $4.25; 10 bush. and over, $2.00 per bush.; 50 ears, $3.00; 100 ears, $5.50.

Corn—Standard Old Varieties

Prices of the following first five varieties, each, per pkt., 10c.; lb., 30c.; 3 lbs. for 75c., postpaid, by mail. By express or freight, qt., 15c.; peck, 60c.; bush., $1.70; sack of two bush., $3.25; 10 bush. or more at $1.60 per bush., sacks included.

IMPROVED SNOW-WHITE DENT CORN

The earliest, most prolific and best white corn in cultivation. The stalk grows so remarkably quick that it is seldom caught by drought. Ears large and ripen in 105 to 115 days.

PERFECTED GOLDEN BEAUTY CORN

A large, broad-grained yellow corn, maturing in 110 days from planting. Small red cob.

IMPROVED EARLY MASTODON CORN

Originated in Ohio. Very productive; ear large, with yellow grain on a small cob; stalk 9 to 10 feet, and matures in 100 to 110 days.

FARMER'S FAVORITE GOLDEN DENT CORN

Early, with large ears; productive and adapted to thin soil. Our strain is of an improved type.

EARLY YELLOW CANADA FLINT CORN

Well adapted to the North and for late replanting. Long, well-filled ears with eight rows.

HICKORY KING WHITE CORN

The largest-grained and smallest-cobbed pure White Dent Corn in cultivation. Lb., 30c., postpaid; by express, peck, 60c.; bush., $2.25.

Ensilage and Fodder Corns

RED-COB ENSILAGE CORN

This new and superior ensilage corn we can recommend as the **heaviest cropping variety,** and best for the purpose, producing 50 to 75 tons per acre. It is a pure White Dent Corn, growing on a red cob. The fodder is very leafy, with short joints, sweet, tender, juicy, grows 13 to 14 feet in height. Peck, 45c.; bush., $1.45; 10 bush. and over, $1.35 per bush., sacks included.

BLUNT'S PROLIFIC ENSILAGE CORN

Also called Mammoth Ensilage. Has produced 70 tons of fodder to the acre, and is one of the most popular, producing two ears to the stalk; white ears of medium size; is earlier than the Red Cob Ensilage. Peck, 60c.; bush., $1.70; sack of 2 bush., $3.30; 10 bush. and over, $1.60 per bush.

SUGAR CORN FOR GREEN FODDER

Contains a larger percentage of saccharine in the stalks on account of being a Sugar Corn, which is especially grown for fodder purposes, being of quick growth and early maturity. Sown at the rate of two bushels per acre, in drills four feet apart, it makes splendid stalks 6 to 8 feet in height, which are of the finest quality for feeding green, cutting for ensilage, or curing for fodder. By express or freight: per qt., 15c.; peck, 60c.; bush., $1.70; 10 bush. and over, $1.60 per bush.

WHAT OTHERS SAY OF JOHNSON'S SELECTED SEED CORN AND OATS

"Your 100-DAY BRISTOL is the best field of corn in this section. The potatoes from your seed are also away above the average."—HOWARD VAN SYCKLE, Lebanon, N. J.

"I had a very fine lot of corn last year from your IMPROVED LEAMING seed. It was planted near the road, and every farmer who saw it wanted to know where I got my seed. I have referred a number to you from this section."—D. T. LINDLEY, Canton, Pa.

"All who have seen my crop of AUSTIN'S COLOSSAL CORN are astonished and loud in its praise. I shall send you a photo of an ear that is 19 inches long. It is a most wonderful corn."—JOHN C. FOOHLIGER, Cincinnati, O.

"I am more than pleased with JOHNSON'S GIANT BEAUTY CORN. It is a most vigorous grower and yielded double any other variety grown here."—SAMUEL JONES, Cleveland, O.

"I raised 50 lbs. of WASHINGTON OATS from one pound of seed I purchased from you. They gave 17 to 21 stalks from each kernel, beating all others I have ever grown."—A. A. HALL, Agate, Ore.

"Your GOLDEN FLEECE OATS yielded 50 bushels to the acre; they are the finest and heaviest oats grown in this section."—FRANCIS T. MORRELL, Torresdale, Pa.

Choice Northern Grown Seed Oats EXTRA CLEANED

Photograph of average heads of WASHINGTON OATS, 12 inches in length.

NEW WASHINGTON

The seed of this new white oat was first procured from Professor Carlton, of the U. S. Department of Agriculture, who pronounced them at the head of the Oat kingdom.

Prof. Moore, at experimental station, says: "New, heaviest, thinnest hull, stiffest straw, best of thirty-six varieties; weight, 36 to 40 lbs. measured bushel." A small field of **2 acres yielded 227 bushels.** Our grower in Ontario County, N. Y., says: "They are the finest oats we have ever grown; straw 4 to 5 feet tall; many heads 10 to 12 inches long (as shown in our photograph alongside); they do not rust; stand up well; the plump meats make it the greatest of all oats." One of the largest and most experienced oat growers in Chester County, Pa., says: "Its wonderful productiveness is far beyond what the most enthusiastic farmers in this section ever expected to realize." Another says: "Twenty bushels per acre more than Welcome or Lincoln." Another grower says: "The best oats we have ever grown; about one week earlier than others; stand up well; do not rust; yield over 90 bushels per acre."

Prices for 1910. Choice seed grown in Ontario County, New York. Per lb., 35c.; 3 lbs. for $1.00, by mail, postage paid. By freight or express: Per peck, 65c.; per legal bush. (of 32 lbs.), $1.75; sack of 3 legal bush. (96 lbs.) for $5.00; 10 bush. and over, $1.50 per bush.

GOLDEN FLEECE OATS

This splendid oat was first introduced in 1901, and hundreds of our customers have written us of its merits. It is, without doubt, one of the heaviest croppers, with possibly the exception of the **New Washington,** described above. The grains are white, plump and handsome. The straw is very strong and stands up well. The blade is double the size of ordinary oats, which attests the vigor and productive capacity of the strain. On account of its heavy stooling property, 6 pecks (1½ bushels) is sufficient to seed an acre.

Price, per lb., 25c.; 3 lbs., 60c., by mail, postpaid; by freight or express, peck, 40c.; legal bush. (32 lbs.), $1.40; sack of 3 legal bush. (96 lbs.), $4.00; 10 bush. and over, $1.25 per bush., sacks included.

TARTAR KING OATS

This grand new and prolific white oats has been thoroughly tested in different sections and is highly spoken of. It seems to be adapted to all soils, has a robust and vigorous constitution, is quite early and an immense cropper; straw being long and stout, stands up well and does not readily lodge. The kernels are of large size, thick, plump and heavy. **Prices same as for Golden Fleece, described above.**

STANDARD VARIETIES

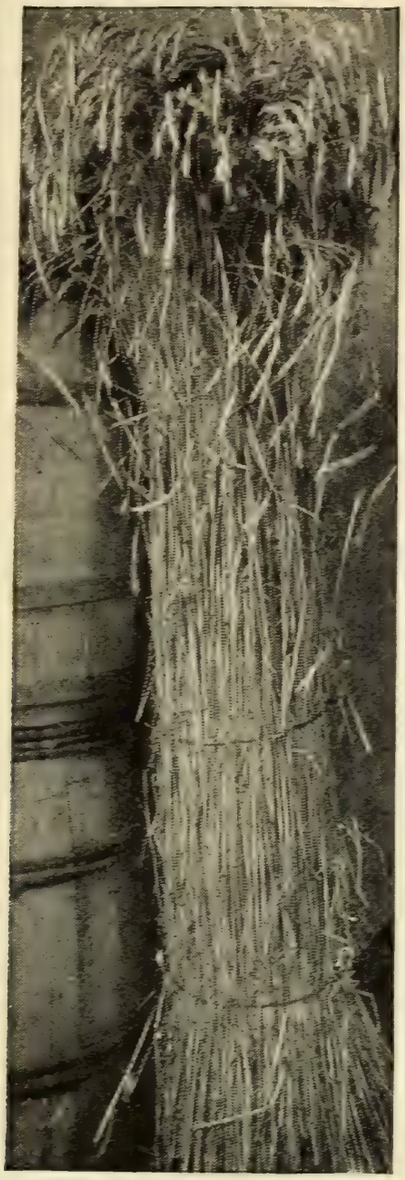
Prices of each of the following **Standard Varieties of Seed Oats,** 25c. per lb., or 3 lbs., 60c., postpaid; by freight or express, peck, 40c.; per legal bush. (32 lbs.), $1.25; 10 bush. and over, $1.15 per bush., bags included.

White Maine, early, handsome and productive.

Danish Island, originally from Denmark; very hardy.

Swedish, Welcome, White Russian, Virginia Winter Turf, choicest seed carefully recleaned, at above prices.

SPRING RYE—A More Profitable Crop Than Oats



SPRING RYE, SHOWING HEIGHT AND PRODUCTIVENESS OF STRAW.

Distinct from the Winter rye; grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, on account of the production of nearly four times the straw, and also as a "catch" crop where Winter grain has failed. The straw is equally as valuable as that of the Fall or Winter rye, standing stiff, 7 to 8 feet high. Produces 30 to 40 bushels of grain per acre. As it does not stool like Winter rye, not less than two bushels to the acre should be sown. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid; peck, 50c.; bush., $1.50; 5 bush. and over, $1.40 per bush.

SPRING WHEAT FROM THE NORTH

Saskatchewan Fife. This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. Pkt., 10c.; lb., 35c.; 3 lbs., $1.00, postpaid; by express or freight, peck, 65c.; bush., $2.25; 5 bush. and over, $2.00 per bush.

SPELTZ, OR EMMER (*Triticum Spelta*) A New Grain

This new Russian grain is intermediate between wheat and barley, and is readily eaten by all kinds of stock. It is adapted for milling, as well as for feeding, making a grade of flour similar to rye. The straw resembles wheat straw. It grows large crops—40 to 80 bushels per acre—on poor lands, stony ground and open prairies, and will give double the crop of oats or barley. Pkt., 5c.; lb., 30c.; 3 lbs., 75c., postpaid; by freight or express, qt., 15c.; peck, 50c.; bush., $1.75.

SEED BARLEY FROM THE NORTH

Beardless Barley. Ripens early; free from beards and very productive. Qt., 15c.; peck, 50c.; bush., $1.50.

White Hullless Barley. Heavy kernels, more like wheat; early and productive. Pkt., 10c.; lb., 25c., postpaid; by express or freight, peck, 70c.; bush., $2.25; bag, 2 bush., $4.25.

New Manshury. Earliest and most productive. Qt., 15c.; peck, 50c.; bush., $1.60; bag, 2 bush., $3.00.

Six-Rowed Barley. Most popular in the North. Qt., 15c.; peck, 50c.; bush., 48 lbs., $1.50. Bags included.

BUCKWHEAT FOR SEED

New Japanese. The kernels are nearly twice the size of any other, of a rich dark brown color, and manufacture a superior flour. It has rapidly displaced all others, and is now more largely planted than any other, being about two weeks earlier. Makes a fine poultry food. Pkt., 10c.; lb., 25c.; 3 lbs., 65c., postpaid; qt., 15c.; peck, 40c.; bush., $1.25; 5 bush. and over, $1.20 per bush., sacks included.

THE BEST OF THE MILLETS

German Millet (Southern Grown)

Southern grown German or Golden Millet seed is far superior, both in quality and yield, to Western or Northern grown seed. When properly grown and handled, it makes an enormous yield of nutritious feed, succeeding in almost any soil. Sow in May or June, one bushel to the acre. Price varies with the market. Qt., 10c.; bush., 50 lbs., $2.00.

Hungarian Millet

Yields two or three tons of hay per acre. Sow 1½ bushels to the acre in May or June. Price varies. Qt., 10c.; bush., 48 lbs., about $1.75.

Pearl Millet, or Pencillaria

Valuable for green forage. Drill in 2 feet rows, 10 lbs. to the acre. By mail, pkt., 10c.; lb., 30c.; by freight, 10 lbs., $1.10; bush. of 50 lbs., $4.50.

Japanese Barnyard Millet

Yields enormously of hay and fodder, growing 6 to 8 feet in height and yielding 12 to 20 tons per acre. Cattle and horses eat it greedily. Sow in May or June broadcast, 10 to 12 lbs. per acre, or in drills, 8 lbs. per acre, Prices, by mail, postpaid, per lb., 25c.; 3 lbs., 60c.; by express or freight, lb., 15c.; 10 lbs., $1.00; bush. of 30 lbs., about $2.50.

Kaffir Corn for Grain and Forage

The grain is valuable for feeding to poultry. Cultivated the same as common Indian corn. Making a fine crop of forage. By mail, pkt., 10c.; lb., 25c.; by freight, peck, 50c.; bush., $1.60.

JAPANESE MILLET—Field from which our seed was saved.

FODDER AND SOILING PLANTS

PEAS
For Fodder and Plowing Under

FIELD OF SOUTHERN BLACK OR RAM'S HORN COW PEAS IN THE NORTH. SOWN JUNE 16th, PLOWED UNDER AUGUST 31st.

COW PEAS (The Great Soil Improver)
Make Poor Land Rich, Good Land More Productive, and Enrich the Soil

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the cow pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. There is no surer or cheaper means of improving poor soil than by sowing cow peas.

COW PEAS FOR HAY

If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble, in a short time, will put out a new growth to be turned under in the Fall as a fertilizer.

The best varieties of **Cow Peas** for all purposes are the following:

SOUTHERN BLACK EYE COW PEA.
SOUTHERN BLACK, or RAM'S HORN.
WHIP-POOR-WILL, CLAY and NEW ERA.

Small quantities by mail, postpaid. Pkt., 10c.; pint, 20c.; qt., 35c.

Write for prices by the bushel, as they vary with the market.

Canada Field Peas and Oats for Fodder

These make a fodder and hay which double the production of milk. The Canada Field Pea, which we sell at about $2.00 per bushel, is the best for this purpose. They should be sown in March or early April, two bushels of peas and two bushels of oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sown and harrowed in. They will be ready for cutting about the latter end of June, when the oats are in milk and the pods formed on the peas. It is a nutritious food and relished by all stock.

SOJA OR JAPANESE SOY BEAN

The demand for the **Soja Beans** has grown remarkably of late years. Their great value is as a forage crop, for fertilizing the soil and for pasturing or feeding the green fodder much in the same way as the cow pea. **New Early Soja** will mature in the far North. **Mammoth Yellow Soja,** late, matures south of the Potomac and Ohio Rivers. Each, per pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, qt., 20c.; peck, 75c. Write for prices by the bushel.

SAND OR WINTER VETCH

For forage and fertilizing purposes; it succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the Spring, it can be sown alone or mixed with oats, Spring rye or barley. If sown during August or September, Winter rye serves as a good support. The root growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Sow 30 to 50 pounds per acre, with ½ bushel rye, oats or barley. Price, per lb., 30c.; 3 lbs., 75c., by mail, postpaid; by freight or express, lb., 20c.; 10 lbs., $1.75; bush. of 60 lbs., $8.50.

EARLY AMBER SUGAR CANE

The high value of Northern grown sugar cane for fodder and ensilage is becoming rapidly known. When fed down young as a pasture it grows rapidly again. The seed and fodder is valuable as food for horses and cattle, seed is greedily eaten by poultry, increasing egg production. By mail, postpaid, lb., 25c.; 3 lbs., 60c.; by express or freight, qt., 15c.; peck, 70c.; bush. of 56 lbs., $2.25; 5 bush., $10.00.

DWARF ESSEX RAPE—EIGHT WEEKS FROM SOWING

TRUE DWARF ESSEX RAPE

Dwarf Essex Rape is largely grown on account of its rapid growth, producing twenty-five to thirty tons of green forage to the acre. It grows to a height of 3 feet and covers the surface so densely as to smother out all weeds. While unequaled as a pasture for sheep, as a food for all cattle, calves or pigs, it is without a rival, its fattening properties being twice as great as clover, making a much relished food from May to December. Lb., 25c.; 3 lbs., 60c., postpaid; by express or freight, lb., 15c.; 10 lbs., $1.00; 25 lbs., $2.25; bush. of 50 lbs., $3.75.

Tobacco Seed

Connecticut Seed Leaf. Saved from selected plants. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., $2.00.

Havana. Genuine imported seed, direct from Cuba. Pkt., 10c.; oz., 30c.; ¼ lb., $1.00; lb., $3.00.

Sumatra, Sterling, General Grant, Pennsylvania and Lancaster Broad Leaf, each, per pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., $2.75.

Fruit Tree Seeds

Add 10c. per lb. for postage, if to be sent by mail.

Peach Pits. Pure Tennessee, natural, lb., 15c.; bush., $2.50. **Apple Seed,** lb., 40c. **Apricot Pits,** oz., 10c.; lb., 50c. **Pear Seeds,** French, oz., 20c.; lb., $2.00. **Plum Pits,** oz., 10c.; lb., 50c. **Quince Seed,** oz., 20c.; lb., $2.00. **Osage Orange.** For hedges. Lb., 45c.

Pea Nut or Ground Pea

Georgia Improved (large) and Spanish (small early) are the best. Each, pkt., 10c.; pint, 25c., postage paid; by express, qt, 25c.; peck, $1.00.

Jerusalem Artichoke Roots

The best hog food known. Very productive and possess remarkable fattening properties. Lb., 35c.; 3 lbs., $1.00, postpaid; by freight or express, peck, 75c.; bush., $2.50; bbl. of 3 bush., $6.50.

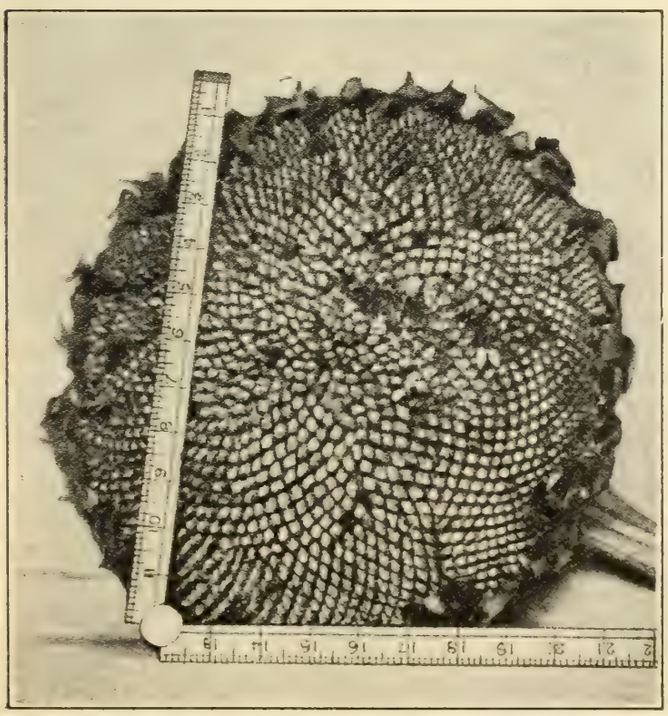
Long White Cow Horn Turnip

The Most Popular and Best for Stockmen

Carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of rapid growth and very nutritious, a heavy cropper and fine keeper. Oz., 10c.; ¼ lb., 20c.; lb., 55c., postpaid; 5 lbs. and over, by express, 40c. per lb.

Mammoth Russian Sunflower

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is **twice as great.** The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses and poultry, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., postpaid, 25c.); peck, 50c.; bush., $1.75; 5 bush. and over, $1.65 per bush.



A SEED HEAD OF MAMMOTH RUSSIAN SUNFLOWER.

BRUSH OF WEBER'S IMPROVED EVERGREEN BROOM CORN.

Weber's Improved Evergreen

The Best Broom Corn in Cultivation

Originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color. Makes by far the best brooms of any corn grown, and commands the very highest prices. Height, 7 to 8 feet. Lb., 30c.; 3 lbs., 75c., postpaid; by express or freight, qt., 25c.; peck, 80c.; bush., $2.75.

Evergreen Broom Corn. The old standard, grown in the West. Lb., postpaid, 25c.; by freight or express, qt., 20c.; peck, 70c.; bush., $2.25.

Teosinte (*Reana Luxurians*)

This gigantic Grammea will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the Summer. It also makes splendid dry fodder, yielding enormously, and being more nutritious and better relished by all stock than corn fodder. It stools out enormously after being cut. Sow in May or June, at the rate of 3 pounds per acre, in drills 4 feet apart. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c., postpaid; by express or freight, lb., 65c.; 5 lbs. and over at 60c. per lb.

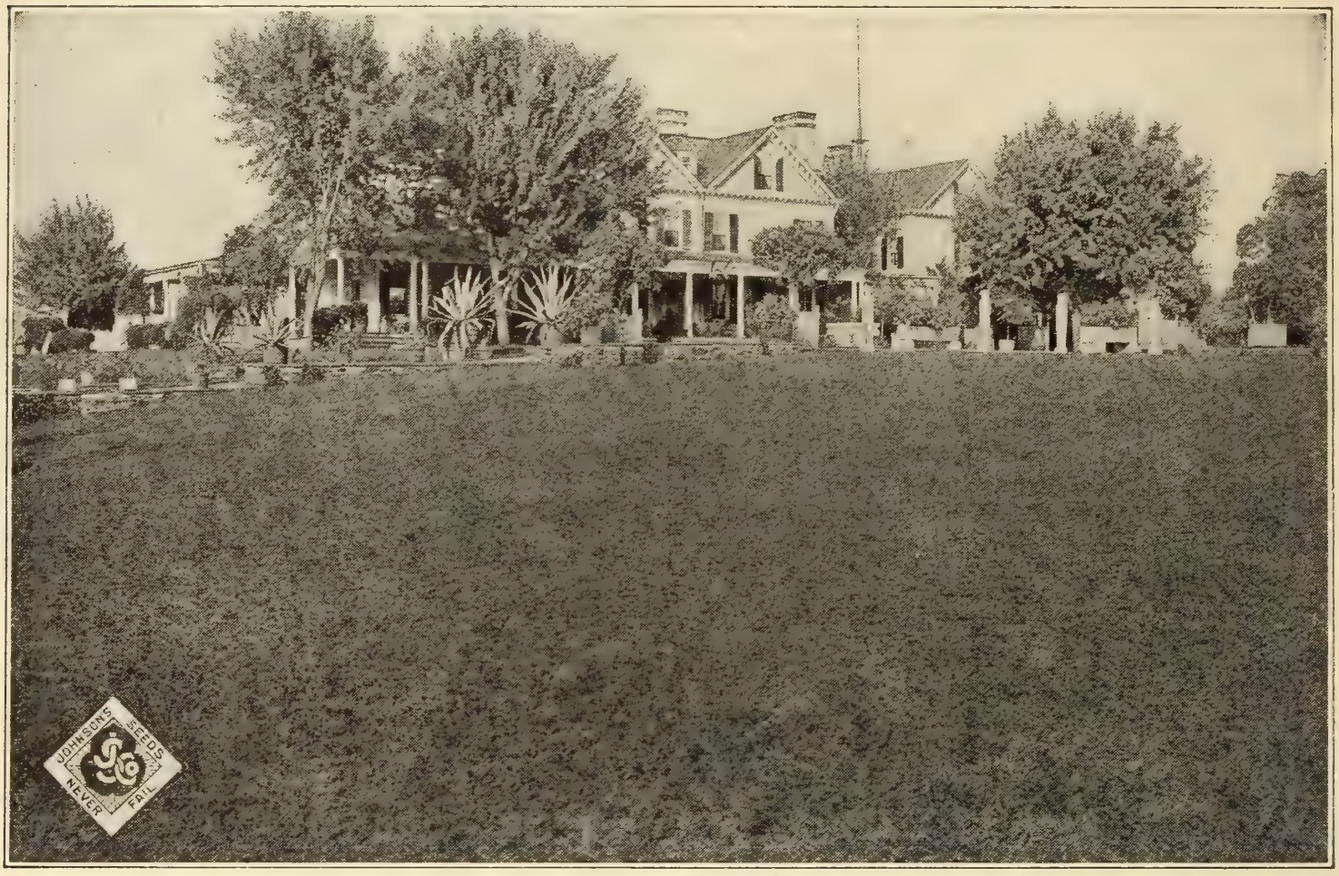
Wild Rice (*Zizania Aquatica*)

A native plant for swamps, etc., furnishing food for wild fowl, ducks, geese, etc. It attracts all wild birds from September on, and also purifies the water. Lb., 35c.; 3 lbs., $1.00, postpaid; by express, lb., 28c.; 10 lbs. and over, 25c. per lb.

THE DAYS OF USING SOD

will soon be over, when people know how easily beautiful lawns are made ready for cutting in from 5 to 8 weeks by sowing Johnson's Lawn Grass Seed Mixtures. It is a well-ascertained fact that a thick and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some mature early, others late; so that from the beginning of spring until winter sets in, there is no time when one species or another is not at its best. For this reason, the judicious selection of grass seed, for the creation of a beautiful lawn or grass plot, or a durable pasture or hay crop, requires a knowledge obtained only by an intimate study of the habits of varieties as respects quality of herbage and vigor of constitution. It is not sufficient to select the one grass indigenous to the soil or climate, for it may not possess the many qualities requisite for the purpose desired, for hardiness and permanence, which combination of qualities and character is best found in a mixture of sorts.

A quart of Lawn Grass will sow about 300 square feet. Three to four bushels will sow an acre. Instructions how to prepare and sow a lawn accompany each package or bag of seed.



Johnson's "Fancy" Evergreen Lawn Seed

will produce a permanent and velvety deep green sward at all seasons. Equally valuable for renovating old and worn-out lawns

This is our best mixture of the best deep-rooted, native and acclimated foreign, fine-leaved grasses, properly blended, so they can not be excelled for the purpose, standing the extremes of heat, drought and cold. This is really the cheapest, cleanest and heaviest mixture of Lawn Grass Seed ever offered, because, while other mixtures on the market will not average over 14 lbs. to the bushel, this weighs 22 lbs. per bushel. Price, qt., 20c. (qt., postpaid, 25c.); 4 qts., 60c.; peck, $1.00; bush., 22 lbs., $4.00.

Johnson's Standard Evergreen Lawn Seed Mixture

Johnson's Standard Evergreen is a well-balanced combination made from our own formula, of fine native grasses that will produce a beautiful effect throughout the whole of the growing season. It has become standard, being largely used on the best public and private grounds around Philadelphia, New York and other large cities. Price, per qt., 15c. (qt., postpaid, 20c.); peck, $1.00; bushel, $3.50.

Fairmount Park Lawn Grass Seed Mixture

This mixture we supplied for many years to Fairmount Park, the largest in the world. It will give good results where the finest grasses are not required, and is also valuable for use on railroad embankments, terraces and exposed lawns. Qt., 15c. (qt., postpaid, 20c.); peck, 75c.; bush., 14 lbs., $2.50.

Johnson's Shadow Lawn Grass Seed

This is a new mixture, prepared especially for shady places

It is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend its use. Qt., 25c. (qt., postpaid, 30c.); peck, $1.25; bush., $4.50.

Where several bushels of Lawn Grass Seed are wanted, write for SPECIAL PRICES

JOHNSON'S EXTRA RE-CLEANED CLOVER AND GRASS SEEDS

If you sow Clover you should try FARMOGERM, the high-bred nitrogen-gathering bacteria. See prices, bottom of this page.

Add 10c. per lb., if ordered by mail.

Prices Subject to Market Changes

ALFALFA, or LUCERNE CLOVER. Every farmer should have at least a few acres of alfalfa clover. There is no difficulty in getting a good stand, if care is taken in putting it in right and taking care of it afterwards. Sow in the spring or in August, as preferred, at the rate of 25 to 40 lbs. per acre; see that the soil is sweet and well manured. When a good stand is once secured, it will last from 8 to 10 years, giving three or four crops per annum. Price, per lb., 30c.; 10 lbs., $2.50; bush. of 60 lbs., about $12.50

TURKESTAN ALFALFA. (True.) Imported from Turkestan, withstands the drought of summer and cold winters better than ordinary alfalfa. Price, per lb., 30c.; 10 lbs., $2.50; bush., 60 lbs., price on application.

CRIMSON or SCARLET CLOVER. This annual clover, as an improver of the soil, or for an early summer forage or hay crop, is first-class. Lb., 25c.; 10 lbs., $2.25; bush. of 60 lbs., $12.00

ALSIKE, or SWEDISH CLOVER. Hardiest of all; well adapted for permanent pastures or for hay crop. Thrives equally well on wet or dry soil. Sow six pounds per acre in spring or fall. Lb., 20c.; 10 lbs., $1.80; bush., 60 lbs., prices on application

WHITE DUTCH CLOVER. Best to sow with lawn grass; valuable in permanent pastures. Oz., 5c.; lb., 35c.; 10 lbs. and over, 30c. per lb.; bush., 60 lbs., price on application.

CLOVER MEDIUM RED. Free from weed seeds and of high germination. Lowest market prices quoted by letter.

MAMMOTH PEA VINE, or SAPLING CLOVER. Market variable. Write us for lowest market prices.

SAINFOIN, or ESPARSETTE. A land-enriching, perenniai clover. Lb., 15c.; 10 lbs., $1.25.

BOKHARA CLOVER (Honey Plant.) Lb., 25c.; 10 lbs., $2.25.

MEADOW FOXTAIL, ROUGH STALKED MEADOW, FINE LEAVED FESCUE, TALL FESCUE. Each, per lb., 40c.; 10 lbs. and over, 35c. per lb.

IMPORTANT. ☞Write for quotations on Grass and Clover Seeds. Prices vary with the market, and we can frequently supply lower than catalogue rates.

HUNGARIAN, or AWNLESS BROME-GRASS (*Bromus Inermis*). This great drought-defying, frost-resisting grass yields enormous crops of splendid hay, and affords rich, abundant pasturage. Grows best in light, sandy loam, but its roots will penetrate the stiffest clays. Equally good for cutting green, pasturing or cutting into hay. Can be sown alone and also does well sown with clover and timothy. Use 30 pounds to the acre if alone; if with clover, 20 pounds. Per lb., 20c.; bushel of 13 lbs., price on application.

CANADIAN BLUE GRASS (*Poa Compressa*). **The hardiest grass in cultivation.** Cows fed on it produce a very rich milk, and it is especially relished by sheep. Excellent for dry, sandy soils and for covering the surface of rocky soils. Three bushels to the acre. Lb., 22c.; bush., 14 lbs., $1.95; 5 bush. and over, $1.85 per bush.

KENTUCKY BLUE GRASS (*Poa Pratensis*). Valuable for pasture when mixed with other varieties. Lb., 25c.; bush., 14 lbs., about $2.50.

ORCHARD GRASS. A most desirable pasture grass. Lb., 30c.; bush., 12 lbs., about $2.50.

TIMOTHY. Lb., 12c.; bush., 45 lbs., about $2.75.

HERD, or RED TOP GRASS. Choice seed in chaff. Lb., 13c.; bush., 10 lbs., $1.00; in sacks of 50 lbs., about $4.00; **extra fancy solid seed,** lb., 25c.

JOHNSON GRASS (SORGHUM HALAPENSE). Valuable for the South for meadow or hay; withstands heat and drought. Lb., 20c.; bush., 25 lbs., price on application.

MEADOW FESCUE, or ENGLISH BLUE. Lb., 25c.; bush., 22 lbs., price on application. Sow 2 bush. to the acre.

TALL MEADOW OAT GRASS. Valuable for permanent pasture. Lb., 25c.; bush., 13 lbs., price on application.

ENGLISH RYE GRASS. A nutritious, permanent grass for meadows and pastures. Lb., 15c.; bush., 24 lbs., price on application.

CRESTED DOGTAIL. Valuable for lawns, golf links, etc., stands wear. Lb., 35c.; bush., 20 lbs., price on application.

WOOD MEADOW GRASS. Adapted for pleasure grounds; fine for pastures under close feeding. Lb., 60c.; bush., 14 lbs., price on application.

SWEET VERNAL GRASS (*True perennial*). Lb., 60c.; **Sweet Vernal** (*annual*), lb., 20c.

RHODE ISLAND BENT, HARD FESCUE, SHEEP'S FESCUE, CREEPING BENT. Each, per lb., 30c.; 10 lbs. and over, 25c. per lb.

We carry a large line of Grasses; any variety not listed will be cheerfully quoted by letter.

Johnson's Special Mixtures for Permanent Pastures and Mowing Lands

Good Pastures Are the Foundation of Successful Farming

A combination of a number of native and acclimated foreign grasses and clovers, blended to produce a permanent, dense and deep rooting turf yielding yearly the maximum quantity of hay, and afterwards affording a constant and abundant pasture. After the hay is cut, the grass recovers its verdure in a few days, and affords excellent pasturage even through dry summer weather. Both mixtures will maintain their valuable qualities 20 years or more if they are occasionally top-dressed with manure and sprinkled with grass seed. Sow 2½ bushels to the acre.

No. 1 Grass Mixture for Permanent Pasture
No. 2 " " " " Mowing } Each, per bush., $3.00; or in lots of 10 bush. and over, $2.75 per bush., sacks included.

Farmogerm.—Send for a free pamphlet and investigate before planting any of the following crops: Alfalfa, alsike, crimson, red clover, white clover, field peas, cow peas, vetches, garden beans, garden peas, sweet peas and other legumes.

We are prepared to supply Farmogerm for any one or all of these crops at the laboratory price of $2.00 per acre. Garden size, mixed culture, good for peas, beans and sweet peas, at 50 cents a bottle.

JOHNSON'S EXHIBITION PRIZE ASTERS

The Highest Development has been attained in these Magnificent Asters

THE BEST INTRODUCTIONS FROM THE LEADING EUROPEAN AND AMERICAN SPECIALISTS

We offer herewith a superb collection of Giant Asters, which cannot be surpassed for freedom of bloom, perfection of form, brilliancy of color and sturdiness of habit.

NEW ASTER—VIOLET KING. Per pkt., 10c.

Early Snowdrift Aster

376. **The earliest aster in cultivation,** being a few days in advance of Queen of the Market, while the flower is not surpassed in beauty by any of the later varieties. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of twelve to twenty long, slender, upright stems, crowned with immense feathery flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. The type is well established, the flowers all coming perfectly double. (See cut on opposite page.) Per packet, 10c.

NEW GIANT COMET ASTER

Triumph of Paris

378. A new aster of very handsome and striking appearance. It is of pyramidal habit, grows 2 to 2½ feet high, and produces large flowers 4½ to 6 inches across, with long, pure white outer petals, in the center of which the quilled disc florets form a bright golden-yellow wreath. Per packet, 10c.

New Aster, Violet King

290. A new and distinct soft violet aster measuring 4 to 5 inches across, of vigorous habit, long stiff stems, and blooming ten days earlier than the Improved Semple's Branching. The petals somewhat resemble the quilled varieties, but much larger and broader, those in the center being curled and incurved, completely covering the crowns. Per pkt., 10c.

New White Aster, Mikado

291. A beautiful comet aster of American origin. The flowers are pure white and of immense size with the petals curled and twisted in the center of the flower. It is of medium height and an excellent sort for bedding. Per pkt., 10c.

Early Giant Ostrich Plume Aster

Extremely graceful asters with long, wavy, twisted petals, resembling the Japanese Chrysanthemums. The flowers attain a large size, measuring 4 inches across; extra early, free bloomers, and invaluable for cutting.

292.	White	295.	Light Blue
293.	Rose	296.	Dark Blue
294.	Lavender	297.	Mixed

Per packet, 10c.

Sunset Aster

300. Similar in habit to the Daybreak Aster. The flowers are a delicate shade of light pink, shading to a deep, rich pink in the center, globe-shaped, borne on long, stiff stems, and a profuse bloomer. Per packet, 10c.

New Royal Purple Aster

377. The flowers of this superb strain are large and full, with centers well covered. Although an offshoot from the popular Branching Aster, it is entirely distinct in flower and habit. It is a vigorous grower and comes into bloom a few days after the Queen of the Market, and an invaluable variety for cutting. Per packet, 10c.

Purity Aster

315. Possessing all the good qualities of the Daybreak, with which it is identical in form and habit, but the color is a pure white. Excellent for cutting. Per packet, 10c.

JOHNSON'S EXHIBITION PRIZE ASTERS

New Early White Branching

298. This beautiful aster now offered for the first time is a distinct advance in the branching class. It begins blooming in profusion two weeks earlier than the Late Branching,and the large white flowers borne on extra long stems give it an additional value as a cut flower and for vases. Per packet, 10c.

Giant White Hohenzollern Aster

299. A magnificent aster borne on long stems, of tall branching habit. The flowers are a pure glistening white, measuring 6 to 8 inches across, extremely double, with gracefully curled petals resembling a Japanese Chrysanthemum. As a late cutting variety it has no equal. Per packet, 10c.

New Cardinal Aster

379. As its name indicates, this new and distinct aster is a bright rich carmine and surpasses all other asters for brilliancy in color and profusion of bloom. The flowers are large, round and full and borne on graceful stems of average length. As a bedding aster it vies with the Scarlet Sage and blooms from early August until late in the fall. Per packet, 10c.

NEW GIANT ASTER—HERCULES. Per packet, 15c.

HERCULES WHITE ASTER

317. This new aster has a most imposing aspect. The plants throw up strong stems 15 to 20 inches high, which branch about 4 inches from the ground, bearing at their summit many central flowers, while on the side shoots appear 4 to 6 secondary blooms. The flowers are of the purest white, with very long petals, and attain the enormous diameter of 6 to 7 inches, and can be compared to the large exhibition flowers of the Giant Chrysanthemum. It is excellent either for cut flowers or for planting in borders in the open ground. Per pkt.,15c.

EARLY SNOWDRIFT ASTER. Per packet, 10c.

Lavender Gem Aster

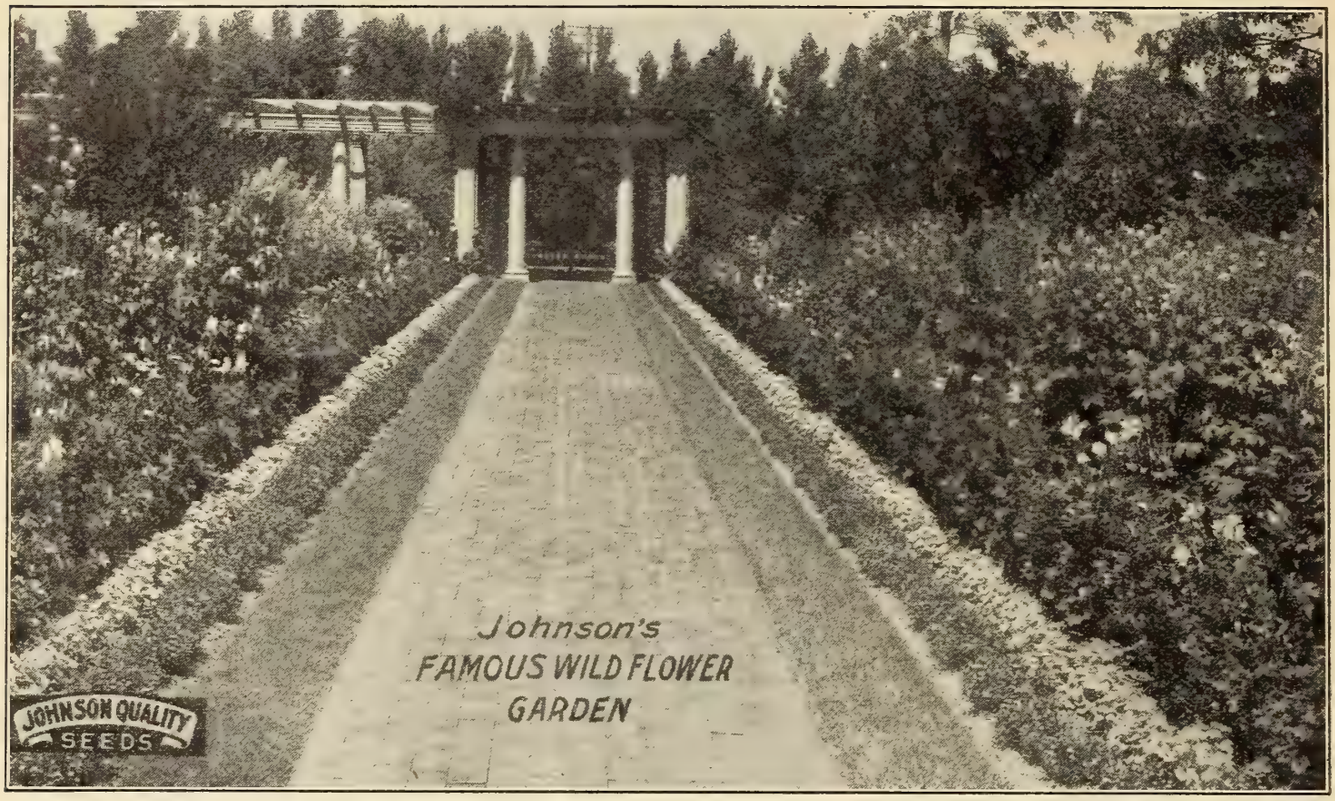
375. We cannot commend this magnificent ostrich-feathered aster too highly for its many excellent qualities. The color is an exquisite lavender, a profuse bloomer, of medium height, erect habit, and the flowers, which resemble a ragged chrysanthemum, are always double and borne on long, slender, wiry stems. Blooms very early, following the Queen of the Market and before the Daybreak. Per packet, 10c.

DAYBREAK ASTER

314. Beautiful free blooming pink aster, of bushy, branching habit, borne on long, stiff stems about 2 feet high. The flowers are extremely double, with incurved petals and unsurpassed for cutting purposes. Per packet, 10c.

MAKE YOUR **GARDEN BEAUTIFUL** BY SOWING

Johnson's Famous Wild Flower Garden



JOHNSON'S FAMOUS WILD FLOWER GARDEN

Per packet, 5c.; ounce, 10c.; ¼ pound, 30c.

2960. **Our Wild Flower Mixture** consists of many varieties of beautiful, easy-growing flowers, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises mignonette, candytuft, larkspurs, marigolds, poppies, foxgloves, and many other garden favorites, which will flower successively and yield an abundance of bloom. Large pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.00.

JOHNSON'S UNRIVALED HARDY PHLOX

THE BRIGHTEST AND BEST FROM A PRIZE COLLECTION

15c. each; $1.50 per dozen; $10.00 per 100

For effective display, wide range of rich, beautiful colors, ease of culture, and freedom of bloom, the **Hardy Phloxes** are unsurpassed. They succeed in any situation and produce a profusion of bloom from early in July until late autumn. The best effect is obtained if planted in masses of one color. Pinch back when the plants are 12 inches high.

Althis. Salmon pink, beautiful.

Bacchante. Deep, rich red; enormous trusses.

Beranger. Shell pink. Rare and dainty color.

Bridesmaid. Pure white, with large, crimson carmine eye.

Coquelicut. The best scarlet.

Eugene Danzanvillier. Rich lilac-blue with lighter center.

Mrs. Jenkins. The best white.

Obergartner Wittig. Rich rosy magenta; extra large flower and truss.

Prof. Schliemann. Bright currant-red; perfect form.

Offenbach. Bright rose, with large white halo.

Thebaide. Carmine lake, with carmine eye; very rich.

Selma. Brilliant rosy red with darker eye.

Send for Complete List of Hardy Perennial Plants

Special Offer—15 Packets Popular Flower Seeds 25c.

Comprising

Asters,	**Cosmos,**	**Pansy,**	**Poppies,**	**Sweet Peas,**
Carnations,	**Dianthus or Pinks,**	**Petunia,**	**Sweet Alyssum,**	**Verbenas,**
Candytuft,	**Nasturtium,**	**Phlox,**	**Snapdragon,**	**Zinnias.**

See our Offer of SUMMER FLOWERING BULBS on Pages 82, 83, 84.

General List of Flower Seeds

PLEASE ORDER BY NUMBER

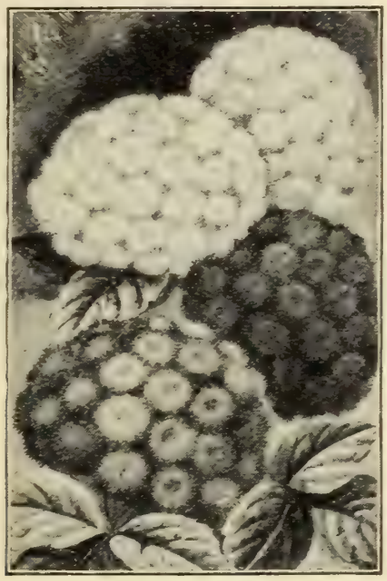
ABRONIA

40. **Umbellata.** Charming annual trailer for vases, rockwork, etc. Pkt., 5c.

45. Abutilon. Large bell-shaped flowers; various colors, richly veined. Mixed colors; tender perennial. Pkt., 10c.

50. Acroclinum. Mixed double flowering. An "everlasting" for winter bouquets Pkt., 5c.

ADLUMIA



AGERATUM.

60. **Cirrhosa** (Mountain Fringe or Allegheny Vine). A charming climber. Pkt., 10c.

AGERATUM

Annuals bearing a profusion of feathery flowers. Excellent for bedding in summer or pot culture in winter. Flowering profusely and continually; 2 feet high.

100. **Mexicanum.** Lilac blue. Pkt., 5c.

101. **Lasseauxii.** Beautiful rose color. Pkt., 5c.

102. **Choice Mixed.** Per oz., 25c.; pkt., 5c.

104. **White Gem.** Very dwarf, free flowering. Pkt., 5c.

105. **Little Dorrit.** Azure blue. Pkt., 5c.

106. **Swanley Blue.** Large flowers; fine. Pkt., 5c.

107. **Blue Perfection.** Very dark blue dwarf, finest of all. Pkt., 5c.

109. **Princess Victoria Louise.** Novelty. Centre white, edged with blue. Very beautiful sort, dwarf. Pkt., 10c

ALYSSUM

A garden favorite, flowering profusely throughout the season from spring-sown seed. Excellent for ribbon lines and edging. Very fragrant annual, 6 to 9 inches high.

140. **Sweet Alyssum.** Oz., 20c.; pkt., 5c.

141. **Tom Thumb.** Dwarf. Oz., 25c.; pkt., 5c.

142. **Little Gem.** Distinct, very dwarf. Oz., 40c.; pkt. 5c.

143. **Saxatile Compactum.** Perennial; yellow. Pkt., 5c.

144. **Carpet of Snow.** Pure white, only 2 to 3 inches high, a profuse bloomer, showing as many as 300 heads of snow-white flowers at one time on one plant; annual. Pkt., 5c.

BORDER OF ALYSSUM "CARPET OF SNOW."

AMARANTHUS

Ornamental foliage and flowering annuals. Very rapid growth and easy culture. For semi-tropical gardening they are very effective.

160. **Caudatus** (*Love-lies-bleeding*). Pkt., 5c.

161. **Tricolor** (*Joseph's Coat*). Pkt., 5c.

AMPELOPSIS VEITCHII (*Boston Ivy*)

The Ampelopsis Veitchii is a hardy perennial climber from Japan, with beautiful, glistening, olive-green leaves, which turn a beautiful scarlet in the autumn. It is the best and most popular climber for covering stone or brick walls.

180. **Seed,** 10c. per pkt.; 25c. per oz. **Plants,** 20c. each $2.00 per dozen.

ANTIRRHINUM

(*Snapdragon*)

Half-hardy perennials for the summer flower bed or border. Are very showy and flower the first season from seed. Two to three feet high.

220. **Nanum.** Dwarf, mixed. Pkt., 5c.

221. **Majus.** Tall, mixed. Pkt., 5c.

223. **Queen of the North.** Large, pure white; fine for beds or borders. Pkt., 10c

AQUILEGIA, OR COLUMBINE.

AQUILEGIA, OR COLUMBINE

Hardy perennials, luxuriating in the moister situations in the garden, where they form permanent clumps, growing from 1½ to 3 feet high. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration.

240. **Single Varieties.** Mixed. Pkt., 5c.

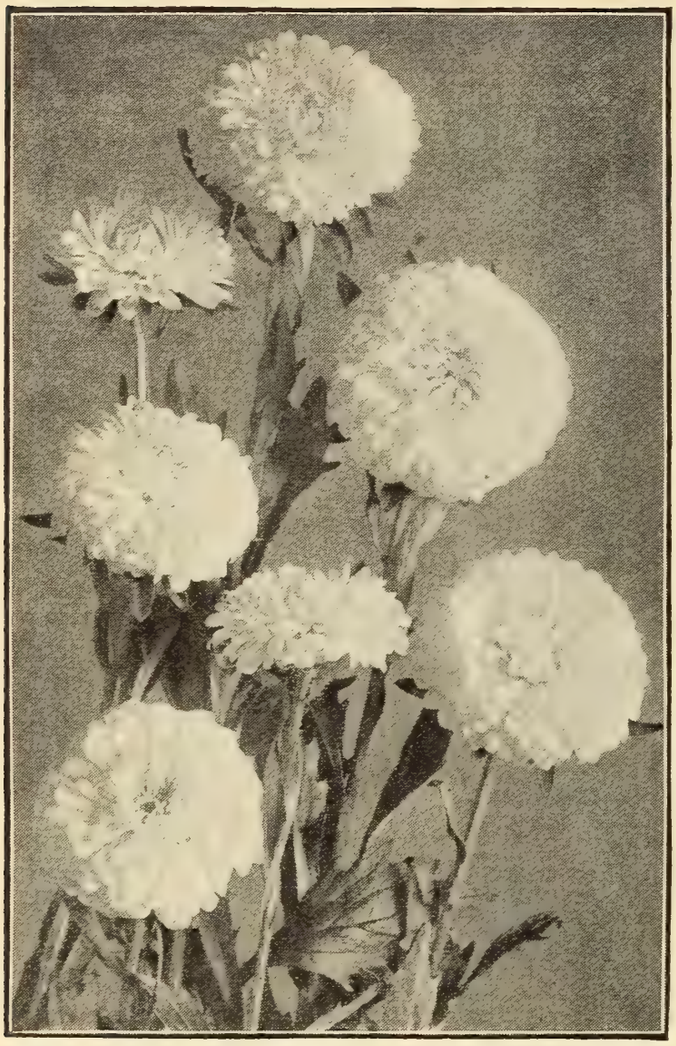
241. **Double Varieties.** Mixed. Pkt., 5c.

ARCTOTIS GRANDIS. 10c.

ARCTOTIS GRANDIS

No. 250. A handsome new annual, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. Its flowers are large and showy, from 2½ to 3 inches across; pure white on the upper surface, embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Pkt., 10c.

JOHNSON'S SUPERB ASTERS



PHOTOGRAPH QUEEN OF THE MARKET ASTER.

QUEEN OF THE MARKET ASTER

Two to three weeks earlier than most other Asters, of dwarf branching habit, very double flowers, valuable for cutting. A favorite Florist's Aster for early market.

302, White; 303, Pink; 304, Crimson; 305, Light blue; 306, Purple; 307, Mixed. Price, all the above, 10c. per pkt.

PÆONY FLOWERED PERFECTION ASTERS

A very favorite type. Thrifty upright plants; large, fine flowers, with long incurved petals. Fine for florists.

321, Snow white; 322, Glowing crimson; 318, Brilliant rose; 323, Azure blue; 324, Purple; 320, Carmine, edged white; 325, Dark rose, edged white; 319, Blue, edged white; 326, Choice mixed sorts. Price, all the above, 10c. per pkt.

VICTORIA ASTERS

A magnificent race of Asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

355, Pure white; 356, Deep pink; 357, Light blue; 358, Deep scarlet; 359, Peach blossom; 360, Choice mixed sorts. Price, all the above, 10c. per pkt.

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling the Japanese Chrysanthemum.

345, Pure white; 346, New carmine; 348, Deep pink; 349, Delicate pink, edged white; 347, Choice mixed sorts. Price, all the above, 10c. per pkt.

NEW JEWEL OR BALL ASTER

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high.

		PER PKT.
351.	**Apple Blossom.** Shell pink	$0 10
352.	**Crimson.** Very showy and handsome	10
353.	**Deep Rose.** An excellent color	10
	1 pkt. each of these 3 Glorious Asters, 25c.	
354.	**New Jewel.** Mixed colors	10

GERMAN QUILLED ASTER

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

		PER PKT.
331.	**German Quilled.** (*Betteridge's Prize*) Mixed	$0 05
332.	" " Pure white	05

NEW EXTRA EARLY GIANT PLUME ASTER

As early as Queen of the Market and of immense size, many blooms measuring five inches in diameter. The long, recurved petals give an exceedingly graceful effect, heightened by the irregular character of the petals in the center of the flower. Perfectly double.

364. Pure white. 365. Pure rose; each, 20c. per pkt.

NEW OSTRICH FEATHER ASTER

366. The Ostrich Feather Asters are a new type, with long, wavy, twisted feathery petals, like the wavy, beautiful feathers of the ostrich. Flowers frequently measure four inches across, in long, thin, wiry stems. Price, mixed colors, 15c. per pkt.

CROWN ASTER

339. Centers white, surrounded by a broad margin of color, such as crimson, rose, violet, etc., flowers large and freely produced; height, 18 inches to 2 feet. Pkt., 10c.; 3 pkts., 25c.

NEW YELLOW ASTER

361. A double flower in the form of a perfect ball; of *the brightest sulphur-yellow.* Long, erect stems; excellent for cutting. Per pkt., 10c.; 3 pkts. for 25c.

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

		PER PKT.
327.	**A. Chrysanthemum Flowered,** mixed	$0 10
328.	**A. Chrysanthemum Flowered,** pure white	10

DEEP SCARLET TRIUMPH ASTER

333. Beautiful dwarf Aster; immense flowers of faultless form. The color is rich, brilliant scarlet; very prolific. Pkt., 10c.

GIANT VICTORIA OR WASHINGTON

A magnificent variety of compact habit; flowers measure 5 inches across, of splendid substance, fine form, and bloom profusely during August and September.

367. Snow white; 368, Peach blossom pink; 369, Dark violet; 370, Azure blue; 371, Bright crimson; 372, Choice mixed. Price, all the above, 10c. per pkt.

NEW BRANCHING ASTERS

The new **Branching Aster** is quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are of extraordinary size and exceedingly graceful, and are borne erect on very long stems.

		PER PKT.
310.	**White Branching Aster**	$0 10
311.	**Crimson Branching Aster**	10
313.	**Shell Pink Branching Aster**	10
312.	**Finest Mixed Branching Aster**	10

NEW DWARF QUEEN ASTER

Bushy plants growing only 10 to 12 inches high, and branching very freely; branches upright, making a dense compact bush. The flowers are of *extraordinary size,* perfectly double, and resemble the finest Victoria.

		PER PKT.
335.	**Satin; White Queen.** Spotless white	$0 10
336.	**Crimson Queen.** Rosy crimson	10

NEW ASTER, "WHITE LADIE"

330. Very popular, with long, graceful tubular petals; splendid for cutting. Per pkt., 10c.

POPULAR MIXTURE OF ASTERS

362. A mixture of all the best varieties of Asters suitable for cut flowers, consisting principally of white, pink and the brightest of red, with a small proportion of blue and purple and some intermediate shades. Being made by ourselves, we know it contains only the most salable colors for cut-flower use, and offer it as a good substitute for the higher-priced separate colors. Large pkt., 15c.; oz., $1.25.

WHITE ASTERS IN MIXTURE

363. This mixture is made up by ourselves of all the white-flowering Asters suitable for cut flowers, and includes Giant Comet Snow and White Branching. Large pkt., 15c.; oz., $1.50.

BALLOON VINE

340. A rapid-growing handsome summer climber, small white flowers, followed by inflated seed vessels shaped like small balloons, 10 to 15 feet; annual. Pkt., 5c.

BALSAM.

BALSAM

(*Lady Slipper*)

The old garden favorite, marvelously improved.

380. **White Perfection.** The finest; pure white. Pkt., 10c.

384. **Double Mixed Sorts.** Pkt., 5c.

386. **Royal Camellia Flowered. Prize Mixed.** A fine strain of very double flowers of exquisite shades. Pkt., 10c.

388. **Improved Camellia Pure White (Alba Perfecta).** A really **pure white, very double** Balsam has long been a desideratum both for the private planter and the practical florist. Our stock of this **grand** acquisition is absolute perfection in snow-white color, size of bloom, doubleness and symmetry of plant. Price, per pkt., 10c.

Balsam Apple. See Momordica, page 75.
Balsam Pear. " " " "

BEGONIA (*Tuberous Rooted*)

Magnificent flowering plants. The single varieties are a revelation in color and size, measuring 6 to 9 inches in circumference, and the double are as fine as the choicest roses in coloring and form.

420. **Single Large Flowering, Mixed.** Pkt., 15c.
421. **Double " " " "** 25c.

BEGONIA (*Fibrous-Rooted*)

422. **Rex Hybrids.** Large, ornamental-leaved plants, very rich and decorative. Pkt., 25c.

423. **Vernon.** Flowers waxy, blood-scarlet, borne in immense quantities; fine foliage, green at first, turning red. Pkt., 10c.

CANARY BIRD FLOWER

490. (*Tropæolum Canariense.*) Of the Nasturtium family, the flowers resembling a canary bird with expanded wings. A beautiful climber. Pkt., 5c.

CALCEOLARIA

Gorgeous plants for greenhouse and window decoration; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors: yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion; 1½ feet.

CALENDULA. (*See next column.*)

520. **C. Hybrida Grandiflora, Tall Mixed.** 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed.** A new strain, dwarf and compact, producing large and brilliant self-colored and spotted flowers; 1 foot. Pkt., 25c.

522. **C. Rugosa.** Small flowering varieties for bedding, of the finest colors; 2 feet. Pkt., 25c.

523. **English Prize, Mixed.** This strain of Calceolaria will be found without a peer. It contains the most brilliant colorings of the tigered, mottled, spotted and variegated varieties that we know of. Compact in growth and vigorous in constitution. Pkt., 35c.

CALENDULA

Profuse blooming, dwarf, bushy annuals; of easy culture and flowering till frost.

544. **"Orange King."** The grandest of all the double Pot Marigolds. The color is a rich, dark orange, decidedly more striking than that of Prince of Orange. Pkt., 5c.; oz., 20c.

545. **"Lemon Queen."** Just as fine as the Orange King, but a clear lemon-yellow. Pkt., 5c.; oz., 20c.

540. **Meteor.** Double yellow, striped orange. Pkt., 5c.

541. **Prince of Orange.** Pkt., 5c.; oz., 20c.

542. **Ranunculoides, Fl. Pl.** (*Cape, or Garden Marigolds.*) Deep orange color; 1 foot. Pkt., 5c.

543. **Calendula.** Fine mixed. Pkt., 5c.; oz., 15c.

CAMPANULA

(*Canterbury Bells*)

601. **Single Mixed.** Pkt., 5c.

602. **Double Mixed.** Pkt., 5c.

604. **CUP and SAUCER Varieties.** Are a very striking and beautiful variety of **Canterbury Bells.** The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 5c.

606. **Pyramidalis, Mixed.** A grand sort, known as the "Pyramidal Bell Flower." Color, blue or white; plants grow about 4 feet high, of elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. Pkt., 5c.

CAMPANULA.

CANDYTUFT (*Iberis*)

Half-hardy annual of low growth and very free flowering. The plants bloom early from seed and continue a long time in bloom. Useful for bedding and for cutting.

620. **White Fragrant.** Pure white, pinnated foliage; 1 ft. Pkt., 5c.; oz., 20c.

621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.; oz., 20c.

622. **WHITE ROCKET.** Large trusses of pure white flowers; 1 ft. Pkt., 5c.; oz., 20c.

623. **White Tom Thumb.** A new dwarf variety, growing about 6 inches high branching into a handsome bush, about 16 inches in diameter. Pkt., 5c.; oz., 20c.

624. **Fine Mixed.** Pkt., 5c.; oz., 15c.

625. **NEW EMPRESS.** One of the finest varieties of recent introduction. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.; oz., 30c.

EMPRESS CANDYTUFT.

CANNAS

645. **Crozy's Dwarf Large Flowering French.** In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. **Mixed.** Pkt., 5c.; oz., 15c.

640. **C. Marechal Vaillant.** Foliage rich maroon large, bright orange flowers: 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow, bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Pkt., 5c.; oz., 10c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.

CARNATIONS

663. **Marguerite Carnations.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size. *Those sown in spring commence flowering in early summer*, and continue to bloom in lavish profusion until checked by frost. Pkt., 10c.; 3 pkts., 25c.

			PKT.
656.	**Carnation Marguerite.**	Crimson	$0 10
657.	" "	White	10
658.	" "	Rose	10
659.	" "	Striped	10

666. **NEW DWARF LARGE FLOWERING MARGUERITE.** An improvement on the above in size of flower, dwarfer and more stocky plants. Per pkt., 15c.

661. **Finest German Double Mixed.** Saved from extra choice named double flowers. Pkt., 15c.

662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture; 1½ ft. Pkt., 10c.

664. **FINEST DOUBLE STRIPED.** Pkt., 10c.

665. **THE GUILLAUD, or RIVIERA MARKET.** The Guillaud Pinks bloom profusely in the summer and autumn from spring-sown seed. The flowers are very large, of perfect shape, very fragrant. They contain flowers of clear yellow and others with yellow stripes. Pkt., 20c.

667. **NEW DOUBLE PERPETUAL** (*Chabaud*). As early as the Marguerite Carnation, this new sort will be found invaluable for florists. *The stalks are very stiff* and the flowers large and very double. The calyx rarely ever bursts, and the percentage of double flowers is very great. Pkt., 15c.

Celosia (Coxcomb)

Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants as well.

CRISTATA, OR CRESTED VARIETIES

675. **DWARF CRIMSON.** Large combs. Pkt., 5c.

676. **VARIEGATA.** Crimson and gold. Pkt., 5c.

677. **JAPONICA.** Ruffled scarlet combs. Pkt., 5c.

678. **GLASGOW PRIZE.** Immense crimson. Pkt., 5c.

680. **QUEEN of the DWARFS.** Only 8 inches high; combs often 10 inches across; dark scarlet. Pkt., 10c.

681. **EMPRESS.** Mammoth bright combs; bronze foliage. Pkt., 10c.

679. **CRISTATA.** Mixed. Pkt., 5c.

PINK PLUME CELOSIA

(*Celosia Spicata*)

671. The flowers of this charming Celosia open of a fresh bright rose tint and the lower involucres change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty even in unfavorable weather, and furnish quite an excellent material for making up bouquets, etc. In addition to this they are very suitable for drying, and as the plant blooms for a very long period, it is equally valuable both for the open border and for culture in pots. Per pkt., 15c.

682. **OSTRICH FEATHER.** This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance to an ostrich feather. Pkt., 10c.

OSTRICH FEATHER CELOSIA.

CENTAUREA

(*Dusty Miller*)

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery, cut leaves; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves; 1½ ft. Pkt., 10c.

CENTAUREA

Blue Bottle or Corn Flower

687. **C. Imperialis.** Grand improvement over the old *Sweet Sultan*, long-stemmed biossoms 3 to 4 inches across, of graceful, airy effect, and deliciously fragrant. Colors: white, pink, red, blue, lilac and purple; fine for cutting. Pkt., 10c.

688. **BLUE.** Per pkt., 5c.

689. **WHITE** (*Alba Pura*). Pkt., 5c.

690. **DWARF VICTORIA.** Very dwarf, beautiful for borders. Per pkt., 5c.

CHRYSANTHEMUMS

Single Annual Varieties.

Summer blooming annuals, growing 12 to 18 inches high, very floriferous and effective for beds or cut blooms.

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellow, striped and mottled. Pkt., 5c.

705. **C. "Golden Wheel."** This striking novelty is a very free-blooming annual. The flowers assume a peculiar form, the quill-shaped golden yellow petals standing out all around the purple disk in the centre, like the spokes of a wheel. Very desirable for cutting, lasting a long time. Pkt., 10c.

706. **C. "Evening Star."** These pure golden yellow flowers are often 3 to 4 inches across, and, after cutting, last a long time in water. They are very beautiful and make a valuable addition to our list of choice annuals for cut flowers. Pkt., 10c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 5c.

CINERARIA

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom.

CINERARIA ENGLISH PRIZE.

742. This prize strain has received the highest awards at the largest shows in England, and is unrivaled both in variety of color and marking and size and quality of bloom. Blooms measure 2½ to 2¾ inches in diameter. Pkt., 35c.

740. **Maritima Candidissima** (*Dusty Miller*). **Pkt., 5c.**

741. **Acanthifolia** (*Dusty Miller*). Pkt., 5c.

CLARKIA

Charming annuals for flower beds, with colors, white, rose red, purple, etc., borne in profusion during the summer.

761. **Elegans** (*Purple King*). Pkt., 5c.

760. **Single Mixed.** Pkt., 5c.

762. **Double Mixed.** Pkt., 5c.

CLEMATIS

Hardy Perennial Climbers

780. **Jackman's Large Flowering Hybrids. Pkt.,** 10c.

781. **Coccinea Scarlet.** Tubular flowers. **Pkt., 10c.**

783. **Flammula.** White, sweet scented. **Pkt., 5c.**

784. **Paniculata.** One of the finest; fine white flowers; strong grower; very hardy. Pkt., 10c.

CLEOME PUNGENS

(*Giant Spider Plant*)

800. A showy rose-colored annual, whose stamens resemble spiders' legs. Very effective planted among shrubbery. Height, 3 feet. Pkt., 5c.

COBÆA SCANDENS.

COBÆA

840. **Scandens.** A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to beautiful deep violet blue. Half hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

CROTALARIA RETUSA

(*West India Rattle Box*)

938. This is a low-growing, profusely branching plant, every branch and branchlet ending in racemes 6 to 10 inches long, of beautiful, large, sweet-pea-like flowers. These flowers are of thick substance, fragrant, and in color golden yellow, except the keel in the centre, which looks like brown velvet, and are followed by clusters of short, smooth pods, in which, when shaken, the seeds sound like a child's rattle, hence its common name. **Pkt., 5c.**

COREOPSIS

COREOPSIS.

Very showy, free-flowering plants, natives of this country; fine for borders and beds; easily cultivated. Hardy annuals.

560. **C. Drummondi.** Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. **C. Atrosanguinea.** Dark crimson; 2 ft. Pkt., 5c.

562. **C. Mixed.** Pkt., 5c.; oz., 20c.

563. **Coreopsis Lanceolata.** The flowers of this charming new hardy perennial are borne on long stems and are of a lovely bright golden-yellow color. Pkt., 10c.

564. **Calliopsis Golden Wave.** Pkt., 5c.; oz., 20c.

COSMOS

NEW EARLY BLOOMING COSMOS, "DAWN."

932. **Mammoth Perfection.** Very large flowering; petals deeply ribbed and of splendid substance; mixed colors. Pkt., 10c.

931. **Pearl.** Beautiful snow white. Pkt., 5c.

930. **Cosmos Hybrids.** Mixed sorts. Pkt., 5c.

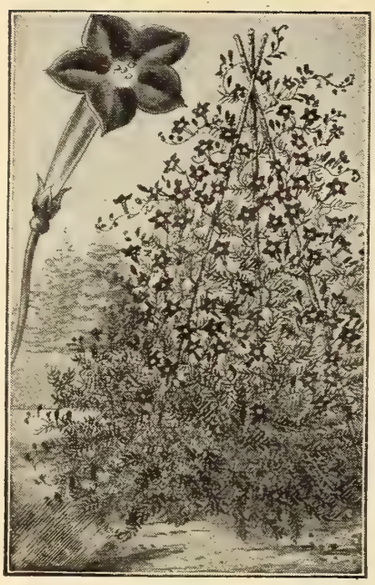
934. **Dawn.** New early blooming. Comes into flower in July, and continues a mass of bloom until cut by frost. Price, per pkt., 10c.

CYCLAMEN PERSICUM GIGANTEUM

Grown by a specialist, who has received the highest awards at the largest English shows, and is unquestionably the finest strain of Giant Cyclamen obtainable.

		PER PKT.
962.	**Crimson Queen.** Rich deep maroon red	$0 25
963.	Dixon Hartland. Pure white, claret base	25
964.	Duke of Connaught. A superb cherry color	25
965.	White Swan. The finest white Cyclamen in cultivation	25
966.	Rosy Morn. Bright rose with claret base	25
961.	Cyclamen Persicum Giganteum, mixed	25

CYCLAMEN PERSICUM GIGANTEUM.



CYPRESS VINE.

CYPRESS VINE

A summer climbing annual with fine feathery foliage and pretty star-shaped flowers.

980. Crimson. Pkt., 5c.; oz., 25c.

981. White. Pkt., 5c.; oz., 25c.

982. Mixed sorts. Pkt., 5c.; oz., 25c.

983. Scarlet, Ivy Leaved. Pkt., 5c.; oz., 25c.

DAHLIA

Although perennials, these flower freely the same season from seed, if sown early.

1000. **Choice Double Varieties.** Mixed. Pkt., 10c.

1001. **Choice Single Varieties.** Mixed. Pkt., 5c.

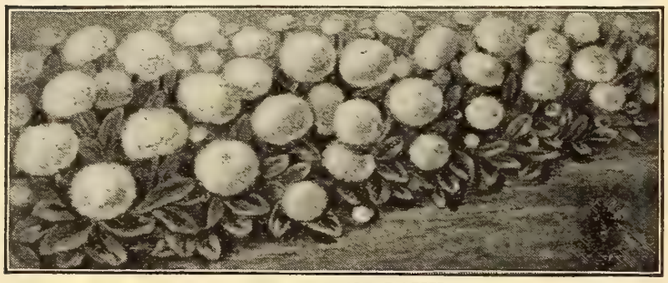
1002. **Cactus Dahlia.** Mixed. These double dahlias have their petals quilled and curved loosely and gracefully. Pkt., 10c.

DAISY (*Bellis Perennis*)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames; ½ foot. (*See cut.*)

1020. **Double.** Mixed. Pkt., 5c.

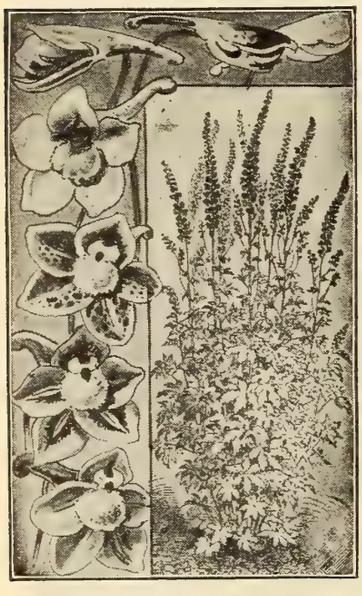
1022. **Longfellow.** Double pink. Pkt., 10c.



DOUBLE GIANT DAISY.

1023. **Snowball.** Double white. Pkt., 10c.

1024. **New Giant Double Mixed.** Beautiful imbricated flowers; 1½ to 2 inches in diameter. Pkt., 10c.



DELPHINIUM MIXED HYBRIDS.

DATURA

Strong growing ornamental annuals, with very large, showy flowers; 2 to 3 feet high.

1043. **Cornucopia** (*Horn of Plenty*). A grand variety; immense trumpet-shaped flowers with three cones or funnels, one within the other; French white on inside, marbled with royal purple on the outside. Pkt., 10c.

No. 1044. **New Golden Queen.** A magnificent plant for open ground, with most brilliant golden-yellow flowers of enormous size, many of them 10 inches long. Pkt., 10c.

DELPHINIUM

(*or Perennial Larkspur*)

Handsome and hardy perennials, with splendid flowers, very showy and indispensable for hardy beds or borders.

1060. **D. Formosum.** Brilliant blue with a white centre. Pkt., 5c.

1067. **D. Chinensis.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue. Pkt., 5c.

1064. **D. Finest Mixed Hybrids.** Pkt., 5c.

DIANTHUS OR PINKS

The family of "Pinks" is unrivaled for brilliancy and rich variety of color; blooming profusely until late in the autumn, rendering them one of the most satisfactory of all our annuals for garden decoration. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

1080. **D. Chinensis, Fl. Pl.** (*China Pink.*) Large, double, fragrant flowers; mixed. Pkt., 5c.; oz., 25c.

1081. **Heddewigii Diadematis, Fl. Pl.** (*Double Diadem Japan Pink.*) Densely double flowers, 3 inches in diameter; beautiful tints of crimson, lilac, purple; outer edges fringed with white; 6 inch. Pkt., 5c.; oz., 75c.

1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.; oz., 40c.

1085. **D. Laciniatus, Fl. Pl.** (*Double Fringed Japan Pink.*) Large, double, showy flowers, with fringed edges; various colors and beautifully striped. Pkt., 5c.; oz., 50c.

1092. **Mourning Cloak.** Rich blackish velvety crimson, margined with pure white. **Pkt., 5c.**

"ROYAL PINK." (*Dianthus Heddewigii Nobilis*)

No. 1095. The flowers are very large and the petals are frilled and fringed. The colors are of a deep yet very bright blood red, then shade to carmine and pink and even white. Per pkt., 10c.

"STAR PINK." (*Dianthus Stellaris*)

No. 1096. This novelty represents a new class of the Chinese Pink. Each single flower has the form of a 5 or 6 rayed star, hence the name **"Star Pink."** They bloom continuously from June to October with a matchless display of color and variety of markings. Pkt., 10c.

"SALMON QUEEN"

No. 1097. Beautiful double annual pink, with finely fringed flowers of a fiery salmon red, turning to a charming salmon pink as they get older. Plants bloom profusely throughout the whole season. Pkt., 10c.

DIANTHUS "NEW HYBRIDS." Pkt., 10c.

SINGLE ANNUAL VARIETIES

1094. **Dianthus Laciniatus Nanus "New Hybrids."** This is a grand new strain of the annual Pinks, with laciniated or fringed petals. The flowers vary in shade from white to deep rose and even to purplish red, are all tinged more or less with **bright salmony red** or **salmony scarlet.** The plants grow only about 10 inches high, and are remarkable for their free flowering character. Price, 10c. per pkt.

1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.

1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.

1088. **Snowflake.** Snow-white; exquisitely fringed. Pkt., 5c.

1089. **Laciniatus, Mixed Colors.** Single fringed. Pkt., 5c.; oz., 40c.

1090. **Heddewigii, Mixed Colors.** Single Japan Pinks. A magnificent strain, the flowers averaging 2 to 3 inches across, of many exquisite colors. Pkt., 5c.; oz., 40c.

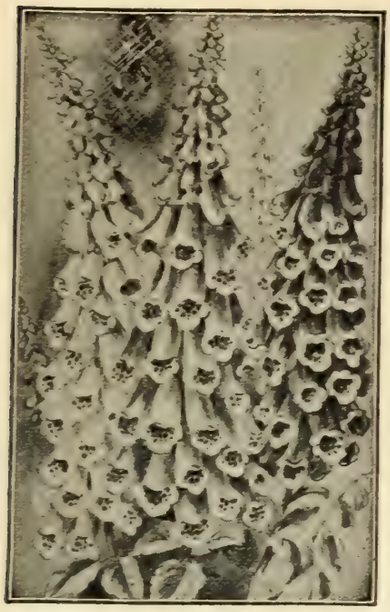
1093. **Salmon Queen.** A new variety, of a most brilliant salmon color. Pkt., 10c.

HARDY PERENNIAL VARIETIES

1082. **Dianthus Plumarius** (*Pheasant Eye*). A beautiful, single, hardy pink, with fringed-edged white flowers, with a dark centre. Pkt., 5c.; oz., 20c.

1083. **Plumarius, Fl. Pl.** Double and semi-double varieties in beautiful colors. Pkt., 10c.

1091. **Fine Garden, or Clove-scented Pinks** (*Hortensis Varieties*). **Beautiful double mixed colors. Pkt., 10c.**



FOXGLOVE.

DIGITALIS OR FOXGLOVE

Beautiful, hardy perennials of easy culture. Long spikes of showy flowers, many beautifully spotted; height, 3 to 5 feet.

1120. **Mixed Colors.** Pkt., 5c.

1121. **Gloxiniæ Flora.** Gloxinia-shaped flowers, a lovely type. Pkt., 5c.

DOLICHOS—PURPLE SOUDAN

No. 1125. A very curious and highly decorative climber. The twining stems are of an intense purple color, and the beautiful sweet-pea-like flowers are produced during the entire summer They are white and rose in color contrasting strikingly with the dark foliage. Following the flowers there come beautiful, glossy, dark-red seed pods. These are very freely produced, and are a great ornament to the plant. Useful for covering porches, trellises, etc. Pkt., 5c.

EDELWEISS.

THE GENUINE EDELWEISS

or Sunflower of Switzerland

No. 1190. There is a world of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut **lasts for years.** The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

ESCHSCHOLTZIA

or California Poppies

A beautiful annual of easy culture. Bloom soon after spring-sown seed and continue until late in the autumn. Height, 1 foot.

1180. **Californica.** Yellow and Orange. Pkt., 5c.
1181. **Rose Cardinal.** Rich rosy purple. Pkt., 5c.
1182. **Single Mixed.** All colors. Pkt., 5c
1184. **Double Mixed.** All colors. Pkt., 5c.

EVENING PRIMROSE

(*Œnothera*)

2260. Delicate pale yellow flowers. Pkt., 5c.

EVERLASTING FLOWERS

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downward.

1240. **Acroclinium Roseum, Fl. Pl.** Bright rose, double. Pkt., 5c.

1241. **Ammobium Alatum Grandiflorum.** A leading everlasting; flowers very large and pure white color. Pkt., 5c.

EVERLASTING FLOWERS (*Continued*)

1242. **Gomphrena Mixed** (*Bachelor's Buttons*). Pure white, crimson, orange and variegated colors. Pkt., 5c.

1243. **Helipterum Humboldianum** (*Sanfordi*). Large clusters of bright golden yellow flowers. Pkt., 5c.

1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet. Pkt., 5c.

1245. **Rhodanthe, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white. Pkt., 5c.

1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers; 2 ft. Pkt., 5c.

GAILLARDIAS.

GAILLARDIA

Beautiful annuals for the flower garden. Very effective grown in masses. Large flowers produced from early summer till frost. 1 to 2 feet high.

1300. **G. Picta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth. Pkt., 5c.

1301. **G. Picta Grandiflora.** Large flowers of rich crimson and yellow. Pkt., 5c.

1302. **Picta Nana** (*Painted Lady*). Showy crimson, bordered with yellow. Pkt., 5c.

GERANIUM

Although perennials, they will produce nice bushy plants and flower from seed the same season.

1320. **G. Zonale, Mixed.** Pkt., 10c.

1321. **Apple-Scented.** Very fragrant. Pkt., 10c.

GLOXINIA

Charming greenhouse plants. Flowers of most exquisite and gorgeous colors, beautifully spotted, mottled and blended. Sow in March.

1380. **Grandiflora.** Choice mixed sorts. Pkt., 25c.

GODETIA

GODETIA.

Exceedingly handsome and showy annuals, of dwarf, compact growth, about 1 foot high, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. (*See cut.*)

1400. **Lady Satin Rose.** Crimson, tinged, pale lilac. Pkt., 5c.

1401. **Bijou.** Dwarf, white flowers, with carmine spot on each petal. Pkt., 5c.

1403. **Lady Albemarle.** Large crimson rose. Pkt., 5c.

1402. **Choice Mixed Varieties.** Pkt., 5c.; oz., 20c.

GOURDS

Mixed Ornamental. A choice assortment. Pkt., 10c.; 3 pkts., 25c.

For other varieties of Gourds, see vegetable list, page 30.

GRASSES (ORNAMENTAL)

1443. **Coix Lachryma** (*Job's Tears*). 2 ft. Pkt., 5c.

1444. **Erianthus Ravennæ.** Very ornamental; 10 ft. Pkt., 5c.

1445. **Gynerium Argenteum** (*Pampas Grass*). 10 ft. Pkt., 5c.

GYPSOPHILA PANICULATA.

PURPLE FOUNTAIN GRASS

(*Pennisetum Rueppelianum*)

1451. Decidedly the most ornamental decorative grass ever introduced, and will be found as useful for room, hall or table decoration as many a palm. Fine purple plumes a foot long. Pkt., 10c.

GREVILLEA ROBUSTA

1460. (*Silk Oak.*) Beautiful and graceful fern-leaved foliage plant. Pkt., 10c.

GYPSOPHILA

Dainty free flowering plants of easy culture. Fine for mixing in bouquets, giving them an airy fairy look that is charming; 1½ feet high.

1480. **Elegans.** Star-shaped, white and pink flowers. Pkt., 5c.

1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets. Pkt., 5c.

HELIANTHUS

(*See Sunflower*)

HIBISCUS (*Marsh Mallow*)

1540. **Africanus.** Creamy yellow, with purple centre. Pkt., 5c.

1541. **Palustris.** Large pink flowers. Pkt., 5c.

1542. **Californicus.** Large white carmine centre. Pkt., 10c.

1543. **Sunset.** Very large, yellow, fine. Pkt., 10c.

HELIOTROPE.

HELIOTROPE

Deliciously fragrant flowering plants, 1 to 2 feet high. Favorites for pot culture in winter and bedding in summer.

1520. **Finest Mixed.** Pkt., 5c.

1521. **King of the Blacks.** Rich purple. Pkt., 10c.

1522. **Lemoine's Giant Hybrids.** Immense clusters; very fragrant. Pkt., 10c.

HOLLYHOCK

Grand summer and autumn flowering plants. Old inhabitants of our garden, but marvelously improved of late years both in doubleness and enlarged size.

	Chaters.	Prize	Double,	Red. Pkt., 10c.
1562.	"	"	"	Pink. Pkt., 10c.
1560.	"	"	"	White. Pkt., 10c.
1561.	"	"	"	Yellow. Pkt., 10c.
1558.	"	"	"	Salmon. Pkt., 10c.
1559.	"	"	"	Crimson. Pkt., 10c.
1563.	"	"	"	Mixed. Pkt., 10c.

New Mammoth Flowering "Allegheny Hollyhocks"

1564. The flowers of this new variety are so different from the old conventional ones that but for the similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and finely fringed and curled.

The colors are shell pink, rose and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge. Price, per pkt., 10c.; 3 pkts., 25c.

Our Fall Catalogue of DUTCH BULBS, HYACINTHS, NARCISSUS, TULIPS, ETC., will be ready SEPTEMBER FIRST. If interested, send in your name and a copy will be mailed to you.

HUMULUS JAPONICUS OR JAPANESE HOP

1620. Very ornamental and fast growing annual climber from Japan. Pkt., 5c.

1621. **Humulus Japonicus Variegatus.** A beautiful variety with variegated foliage, resisting heat and the ravages of insects. Pkt., 10c.

HUMULUS OR JAP HOP.

KENILWORTH IVY

1780. A very neat climber, clings to walls and is a valuable plant for hanging-baskets, vases, etc. Pkt., 10c.

LANTANA

1720. Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc.; mixed colors; 1 to 3 feet. Pkt., 10c.

LARKSPUR

Quick-growing, free-flowering annuals.

1065. **Dwarf German Rocket.** Hyacinth-flowered Larkspur; mixed. Pkt., 5c.

1063. **Emperor Larkspur.** Has beautiful, long spikes of brilliant dark blue, tricolor and red striped; double flowers. Pkt., 5c.

LARKSPUR.

LATHYRUS

Everlasting or Hardy Sweet Peas. Hardy climbers, growing 6 to 8 feet high when trained on a trellis. The flowers are borne in large clusters; but have no fragrance, a beautiful plant.

1740. **Latifolius Red.** A handsome free-flowering plant; useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Pkt., 10c.

1741. **Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **Splendens.** A fine novelty from California, bearing dense clusters of brilliant deep rose flowers Pkt., 10c.

No. 1743. **Pink Beauty.** We have here an entirely new variety, the color of which is a delicately shaded pink on the standard, the lacing on the edge being paler than the centre; the wings are deeper pink, of a very rich shade, giving it a very striking appearance. Price, pkt., 5c.; per oz., 20c.

No. 1744. **Everlasting Pea—Crimson.** Pkt., 5c.

LOBELIA (*Compacta Varieties*)

Compact plants, 4 to 6 inches high, forming little mounds of bloom.

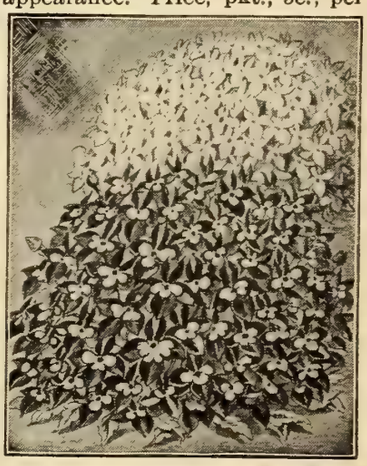
1840. **Crystal Palace.** Rich blue. Pkt., 10c.

1845. **Mixed Compacta Varieties.** Pkt., 5c.

Erinus, or Trailing Varieties.

Useful for vases or hanging baskets or rockeries.

1844. **Mixed, Trailing Varieties.** Pkt., 5c.



LOBELIA

LYCHNIS

1900. **Chalcedonica.** The old garden favorite; very hardy, brilliant scarlet flower; deserves a place in every garden. Pkt., 5c.

MARIGOLD

Well-known annuals, very free flowering and of easy culture. The African varieties have large yellow or orange-colored flowers, and are adapted to large beds. The French are dwarfer in growth, with beautiful striped flowers, and are better suited to pot culture.

AFRICAN VARIETIES

1941. **EL DORADO.** Flowers 3 to 4 inches in diameter, perfectly and extremely double. Every shade. Pkt., 5c.

1943. **LARGE AFRICAN.** Very large; orange, brown and yellow. Oz., 15c.; pkt., 5c.

MARIGOLD.

FRENCH VARIETIES

1940. **GOLD STRIPED.** Double dwarf, brownish red, striped golden yellow. Pkt., 5c.

1942. **DWARF FRENCH MIXED.** Oz., 15c.; pkt., 5c.

1944. **LITTLE BROWNIE** (*Legion d'Honneur*). Charming, compact little bushes. Flowers single, golden yellow, with large spot of crimson velvet. Pkt., 10c.

1939. **GOLD RING.** This charming variety is a fine match to the old "Legion of Honor" in growth, height and free flowering. In color it is a dark velvety brown, each petal gracefully surrounded with a distinct gold ring. The compact, bushy plant blooms with a richness and constancy that is surprising. Pkt., 10c.; 3 pkts., 25c.

MARVEL OF PERU (*Mirabilis*)

(*Four-o'clocks*)

The Marvel of Peru, or Four-o'clocks, is a pretty, free-flowering annual of easy culture, that grows and flowers in almost any location.

1960. **Mixed Choice Colors.** Pkt., 5c.; oz., 15c.

1961. **White Tom Thumb.** Only growing 10 inches high. Snow-white flowers. Pkt., 5c.

MESEMBRYANTHEMUM

2000. **M. Crystallinum** (*Ice Plant*). Flowers white, with ice-like foliage. Pkt., 5c.

MIGNONETTE (*Reseda*)

This deliciously fragrant annual is a favorite with all. It does best in a cool situation.

2020. **Sweet Scented.** Oz., 10c.; pkt., 5c.

2022. **Golden Queen.** Golden yellow. **Pkt., 5c.**

2024. **Machet.** Very compact; fine for pot culture; red. Oz., 60c.; pkt., 10.

2025. **Gabrielle.** Large spikes of red flowers; very fragrant; fine for pot culture. Pkt., 10c.

2026 **Miles' Hybrid Spiral.** Pure white. Pkt., 5c.

2027. **Giant White Spiral.** Oz., 25c.; pkt., 5c.

2028. **Red Victoria.** Dwarf branching habit, very sweet, red flowers. Pkt., 10c.

2029. **Allen's Defiance.** Immense spikes, 12 to 15 inches long; very fragrant. Pkt., 10c.

MIGNONETTE.

MIMULUS

(*Monkey Flower*)

Admirable for pot plants; colors and markings of the flowers are very rich and beautiful. Annuals of low spreading growth.

2060. **Moschatus.** (*Musk Plant.*) Beautiful yellow flowers. Pkt., 5c.

MOMORDICA BALSAMINA

2090. (*Balsam Apple.*) Pkt., 5c.; oz., 20c.

MOMORDICA CHARANTIA

2091. (*Balsam Pear.*) Pkt., 5c.; oz., 20c.

MOONFLOWER (*Ipomœa Grandiflora Noctiflora.*)

1664. **The White-seeded Moonflower.** No one who has a trellis or arbor to cover should neglect to plant **The Moonflower**—the most rapid-growing of all annual climbing vines. The vines are literally covered with thousands of immense, pure white, fragrant flowers, opening in the evening and remaining open until noon the following day, and if cloudy, all day, many of them measuring *over seven inches across.* Planted in rich ground, in a sunny situation, and given plenty of water, the vines attain a height of seventy-five feet. Pkt., 10c.

Plants of above, 10c. each (by mail, 15c.).

IMPERIAL JAPANESE MORNING GLORY

IMPERIAL JAPANESE MORNING GLORIES

925. The surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across. The colors of the flowers, shadings and markings are **limitless.** Pkt., 10c.; 3 pkts., 25c.

920. **Tricolor Roseus.** Rose color, with white centre and bands of golden yellow. Pkt., 5c.

921. **Major, Mixed.** Common Morning Glory. Oz., 15c.; pkt., 5c.

DWARF MORNING GLORIES

922. **Mauritanicus.** Trailing plant for baskets; blue. Pkt., 10c.

924. **Minor, Mixed.** Pkt., 5c.

MYOSOTIS (*Forget-Me-Nots*)

The popular "Forget-Me-Nots." Bushy plants, 6 to 10 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house, they will flower the first season.

2100. **Palustris.** The true Forget-Me-Not; beautiful blue. Pkt., 5c.

2102. **Dissitiflora.** Large, blue flowers, compact and very early. Pkt., 10c.

ALPESTRIS VARIETIES

2103. **Victoria.** Of bushy habit; large, bright azure blue flowers; very fine. Pkt., 10c.

		PER PKT.
2101.	Pure white	$0 05
2104.	Alpestris, blue	05
2107.	" mixed	05
2105.	" rose	05

"OBELISK" VARIETIES

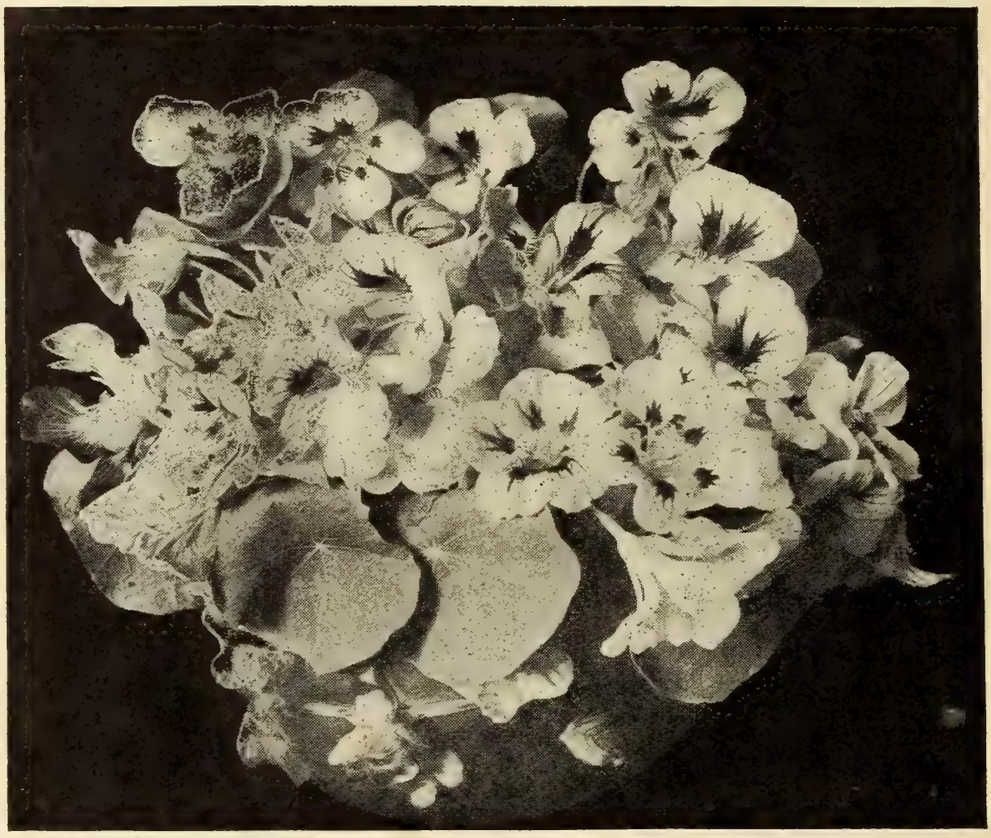
These are an upright, pillar form, 10 to 12 inches high and very floriferous.

		PER PKT
2108.	Obelisk, blue	$0 10
2109.	" pink	10
2110.	" white	10

JOHNSON'S RAINBOW Nasturtiums GIANT FLOWERING

A marvelous range of new colors has been developed in this favorite flower which is in constant bloom throughout the season, and if these are kept well picked so that the plant cannot produce seed they will continue to flower until frost. No other annual flower seed will produce such a lavish profusion of bloom for so long a time and with the same small outlay of care and attention.

One of our customers writes: "Your **Rainbow Nasturtiums** were the most brilliant and the largest flowered we have ever grown. They bloomed profusely from early Summer until frost, and made our garden gorgeous with bright coloring. The foliage was remarkably beautiful."



JOHNSON'S RAINBOW NASTURTIUMS. Per pkt., 5c.; per oz., 10c.; per ¼ lb., 25c.

Dwarf or Tom Thumb Nasturtiums

These have a neat, compact habit and attractive foliage, are not disturbed by insects, bloom in two months from seed, and most profusely till frost.

		PKT.	PER OZ.
2146.	**Aurora.** Yellow, veined	$0 05	$0 10
2121.	**Beauty.** Yellow and scarlet	5	10
2132.	**Chameleon.** Splashed with crimson, bronze and yellow,	5	15
2133.	**Cœruleo-roseum.** Blush rose,	5	10
2122.	**Crimson**	5	15
2134.	**Crystal Palace Gem.** Yellow and carmine	5	10
2143.	**Empress of India.** Deep crimson; fine dark foliage	5	15
2123.	**Golden Cloth.** Golden yellow leaves, scarlet flowers	5	15
2135.	**Golden King.** Golden yellow,	5	10
2136.	**King of Tom Thumbs.** Scarlet	5	15
2144.	**King Theodore.** Black, velvety	5	10
2145.	**Lady Bird.** Yellow and red	5	15
2130.	**Prince Henry.** Light yellow, marbled scarlet	5	15
2124.	**Rose**	5	10
2125.	**Ruby King.** Dark red	5	15
2126.	**Spotted**	5	10
2142.	**White or Pearl**	5	10
2141.	**Yellow**	5	10
2147.	**Mixed Tom Thumb**	5	10
2148.	**Johnson's Rainbow Mixed,**	5	10

Per ¼ lb., 25c.; per lb., 75c.

Tall or Climbing Nasturtiums

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost; 6 to 10 feet.

		PKT.	PER OZ.
2127.	**Jupiter.** New giant-flowered, beautiful golden yellow	$0 05	$0 20
2128.	**Chameleon.** Various	5	15
2129.	**Dark Crimson**	5	10
2160.	**Edward Otto.** Brownish lilac,	5	15
2137.	**Hemisphæricum.** Orange	5	10
2161.	**Heinemanni.** Chocolate	5	10
2180.	**King Theodore.** Black	5	10
2154.	**Orange**	5	10
2162.	**Pearl.** Whitish	5	10
2138.	**Regelianum.** Purplish violet,	5	10
2139.	**Moltke.** Blush rose	5	10
2163.	**Rose**	5	10
2155.	**Scarlet**	5	10
2167.	**Striped**	5	10
2168.	**Yellow**	5	10
2169.	**Vesuvius.** Salmon; dark leaved	5	10
2156.	**Johnson's Brilliant Tall, Mixed**	5	10

Per ¼ lb., 20c; per lb., 60c.

Lobb's Nasturtiums

Flowers more brilliant than the tall or climbing sorts, but a trifle smaller. Height, 6 feet.

		PKT.	PER OZ.
2152.	**Finest Mixture**	$0 05	$0 15
2157.	**Madame Gunter Hybrids.** A French strain noted for wide range of fine colors	5	15

JOHNSON'S KINGLY COLLECTION OF Prize-Winner Pansies

Headquarters for the Best French, English and German Strains

ONE OF OUR PRIZE-WINNERS.

2299. **Johnson's Kingly Collection of Prize-winner Pansies** are the product of the world's leading Pansy specialists, and veritable **prize-winners** wherever exhibited. Their **extraordinary size,** vigorous, compact habit, long, stiff stems, heavy texture, wide range of magnificent colors and distinctive markings have earned for them an international reputation for **matchless quality,** and pronounced by the leading florists and gardeners as the best strain obtainable. Pkt., 25c.; ⅛ oz., $1.00; oz., $5.00.

GIANT FLOWERING PANSIES

		PER PKT.
2255.	**Giant Psyche.** Beautifully ruffled pansy; violet, with white margin	$0 15
2312.	**Giant Pretiosa.** A giant blotched pansy of the Masterpiece type. Petals deep violet, edged with white on crimson rose ground	15
2256.	**Giant Parisian.** Mostly five blotched, with great diversity of gay colors, fine,	10
2283.	**Giant Prince Bismarck.** Beautiful light brown shades	10
2292.	**Giant Striped.** Very effective	10
2265.	**Giant Peacock.** Ultramarine blue, edged with white,	10
2261.	**Giant Andromeda** (new). Delicate apple blossom, suffused with rosy lilac	20
2254.	**Giant Emperor Franz Joseph** (new). Giant white, with five large blotches of brilliant violet blue	20
2289.	**Giant Yellow.** With dark eye	10
2257.	**Giant Yellow Gem.** Without eye	10
2288.	**Giant White.** With dark eye	10
2291.	**Giant Black.** Dark and velvety	10
2263.	**Giant Black Blue**	10
2313.	**Giant Hero.** Exquisite deep blue, shading to white on upper petals	15
2310.	**Giant Indigo King.** The richest blue,	15

GIANT FLOWERING PANSIES

		PER PKT.
2281.	**Bugnot's Superb Giant Blotched.** Seeds saved from an incomparable strain	$0 15
2294.	**Cassier's Giant Blotched.** Rich colors, unsurpassed quality	15
2273.	**Masterpiece** (Frilled Pansy). A magnificent giant variety, with curled petals, and wide range of rich colors,	15
2309.	**Madame Perret.** Beautiful wine shades, an early and vigorous giant strain of rare excellence	15
2282.	**Trimardeau Giant Mixed.** Flowers attain an extraordinary size	10
2280.	**Imperial German Mixed.** Beautiful giant blotched pansies	15
2250.	**Orchid-Flowered.** A giant strain of surpassing beauty and indescribable markings	15
2290.	**Giant Adonis.** Azure blue	10
2275.	**Giant Emperor William.** Ultramarine blue, with violet blotches	10
2251.	**Giant Fire King.** Golden yellow, upper petals purple	10
2252.	**Giant Hortensia.** Beautiful red shades	10
2278.	**Giant Lord Beaconsfield.** Purple, white petals	10
2279.	**Giant Odier.** Large blotched or show pansies	15
2253.	**Giant President Carnot.** Large, white, with violet blotches	10

POPULAR PANSIES

2286.	**Black** (Faust)	5
2274.	**Bronze Shades**	5
2262.	**Emperor Frederick.** Dark red	5
2276.	**English Large Flowering (Mixed)**	10
2306.	**Mahogany Colored**	5
2308.	**Azure Blue.** Fine	5
2264.	**Meteor.** Bright brown	5
2277.	**Fire Dragon.** Fiery orange and bronze	5
2284.	**Quadricolor (Rainbow).** Beautiful,	5
2285.	**Snow Queen.** Satiny white	5
2287.	**Striped and Mottled**	5
2258.	**Red Riding Hood.** Red	5
2266.	**Victoria.** Bright wine red	5
2297.	**White.** With dark eye	5
2298.	**Yellow.** With dark eye	5
2301.	**Fine German Mixed**	5
2259.	**French Mixed.** Extra quality	10

PETUNIA

Johnson's Superb Ruffled Giants

Brilliant flowers of extraordinary size, with ruffled and fluted edges and the most beautiful markings.

		PER PKT.
2348.	Giants of California, mixed	$0 25
2346.	Giant, Single Fringed	20
2352.	Large Flowering, Double Fringed	35
2351.	Large Flowering, Double Mixed	25
2354.	New Snowball, fine for pots	10
2344.	Howard's Star, rich crimson maroon, with white stripe	10
2341.	Blotched and Striped	5
2340.	Dwarf Inimitable (Nana Compacta)	10
2342.	Pure White	5
2345.	Venosa Grandiflora, veined	10
2343.	Single Mixed, all colors	5
2349.	Giant Fringed, blue	15
2347.	Giant Yellow Throated	20

PHLOX DRUMMONDII

Dwarf or Compact Varieties

2350.	**Cecily.** Large flowering, mixed	10
2355.	**Crimson, with White Eye**	10
2356.	**Deep Scarlet**	10
2357.	**Fireball.** Brilliant scarlet	10
2358.	**Pink**	10
2359.	**Scarlet.** Striped with white	10
2331.	**Snowball.** Pure white	10
2330.	**Violet, with White Eye**	10
2376.	**Choicest Mixed**	10

Large Flowering Varieties

2332.	**Alba.** Pure white	10
2333.	**Coccinea.** Scarlet	10
2334.	**Pink**	10
2335.	**Stellata Splendens.** Scarlet, with white eye	10
2336.	**Striped.** Scarlet, striped white	10
2371.	**Choicest Mixed**	10

PHLOX (Various Sorts)

2360.	**Fine Mixed.** Annual sorts	5
2367.	**Star of Quedlinburg.** Mixed	10
2366.	**Hardy Perennial (Decussata).** Mixed	10

SINGLE ANNUAL POPPIES

		PER PKT.
2377.	**Admiral.** Pæony-flowered, large, glistening white flowers, with a broad band of brilliant scarlet around the top; beautiful	$0 10
2379.	**Danebrog.** Brilliant scarlet, with white spot on each petal, forming a white cross	5
2389.	**Fire Dragon.** Deep scarlet, with black spots, margined white	5
2378.	**Flag of Truce.** Large, pure white, very showy	5
2394.	**Maid of the Mist.** Large, pure white, deeply fringed	5
2393.	**Miss Sherwood.** Large, satiny white, upper half of petals chamois rose	10
2383.	**Shirley.** Charming, gauzy and dainty flowers in wide range of color	5
2388.	**Tulip Poppy.** Dazzling scarlet tulip-shaped flowers	5
2380.	**Umbrosum.** Rich crimson, with black spot	5
2385.	**The Bride.** Beautiful, large flowering, white	5
2391.	**Single Mixed.** From a large collection; beautiful	5

DOUBLE ANNUAL POPPIES

2382.	**Carnation Flowered.** Double fringed flowers, large size and dazzling colors,	5
2390.	**Pæony Flowered.** Large, showy, globular flowers, in beautiful assortment of colors	5
2381.	**Mikado.** Double scarlet, with white edgings	5
2387.	**White Swan.** Pure white, delicately cut and fringed	5

PERENNIAL POPPIES

2386.	**Orientale.** Enormous deep scarlet flowers, with black blotch on each petal; 3 feet	10
2392.	**Orientale Hybrids.** Flowers measure 6 inches across; of the most beautiful shades; 3 feet	10
2397.	**Nudicaule, Mixed.** (Iceland Poppies.) Brilliant colors, flowers in lavish profusion the first year from seed	10

BED SINGLE PORTULACA.

PORTULACA

Brilliant dwarf annuals, blooming profusely from early summer to autumn. For low beds and masses of color they are very desirable.

2400. **Finest Single, Mixed.** A large variety, of the most brilliant colors. Pkt., 5c.; oz., 30c.

2401. **Double Rose-Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

PRIMULA

This beautiful flowering plant is indispensable for winter decoration in the home or conservatory. Our seed is very choice, being saved from the best English strains. Sow in March, April or May.

Single Primula

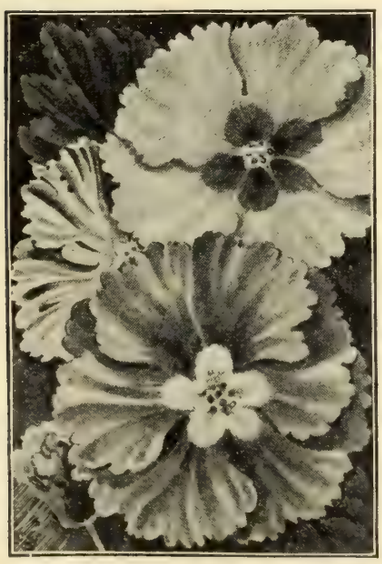
2420. Sinensis Fimbriata. Fringed varieties. **Very choice, mixed.** Pkt., 20c.

2432. **Johnson's Choicest Prize Mixed.**

Our Prize Primula seed is grown by a renowned English specialist, who has received the highest awards at the leading Continental shows. The florets are unsurpassed in size and wide range of brilliant and distinctive colors. Pkt., 30c.

PRIMULA FORBESI (or Baby Primrose)

2423. This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion. Pkt., 20c.



JOHNSON'S PRIZE PRIMULA.

DOUBLE PRIMULA

2421. Double. Mixed. Pkt., 35c.

Our Double Primulas bring a large percentage of double flowers.

2424. **Obconica Grandiflora.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance. Pkt., 10c., 3 pkts., 25c.

2436. **Floribunda.** Similar to "Obconica," but the flowers are a beautiful primrose yellow. Pkt., 20c.

2425. **Japonica** (*Japanese Primrose*). Pkt., 10c.

2426. **Vulgaris.** Yellow English Primrose. Pkt., 5c.

PYRETHRUM (*Feverfew*)

2440. **P. Parthenifolium Aureum** (*Golden Feather*). A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 50c.

2441. **P. Roseum** (*Persian Insect Powder Plant*). Hand some aster-like flowers, with pink rays and deep yellow centres; foliage fern-like; most beautifully cut. Pkt., 10c.

RICINUS

(*Castor Oil Plant*)

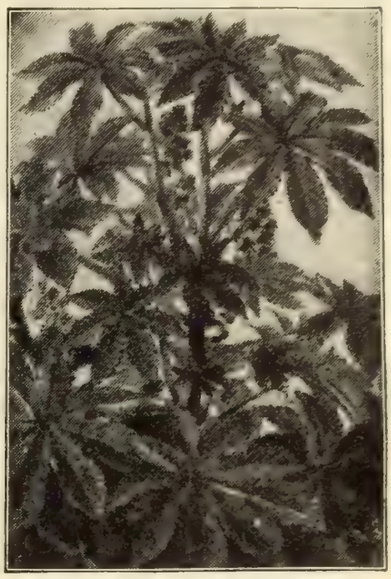
Large, luxuriant, rapid-growing foliage annuals, with large, handsome metallic leaves. Used for sub-tropical effects on the lawn, or for the taller centres of foliage beds; 6 to 10 feet.

2460. **Gibsoni.** Handsome deep red foliage. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c.; oz., 15c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves are of a bright metallic bronze; the large branches of the fruit are of a vivid red. Pkt., 5c.

2465. **Ricinus Zanzibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. Pkt., 5c.; per oz., 15c.



RICINUS, CASTOR OIL PLANT.

SALVIA, OR SCARLET SAGE

Gorgeous effects can be produced by massing on the lawn or in the garden, or planted in rows along a sunny drive. A perennial, but blooms the first season from seed.

2520. **Splendens.** Scarlet sage. Pkt., 10c.

2521. **Patens.** Blue sage. Pkt., 10c.

NEW SALVIA SPLENDENS, "SILVER SPOT"

2522. The leaves are rich, soft, **dark green,** with **light sulphur** or **cream-colored spots** of various sizes liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit. Seed, per pkt., 10c.

2523. **Clara Bedman, or Bonfire.** Very compact, with long, erect spikes of brilliant scarlet flowers. The finest Salvia ever introduced, and by far the best for bedding and massing on the lawn. Pkt., 10c.

SCARLET SAGE.

SALPIGLOSSIS (*Velvet Flower*)

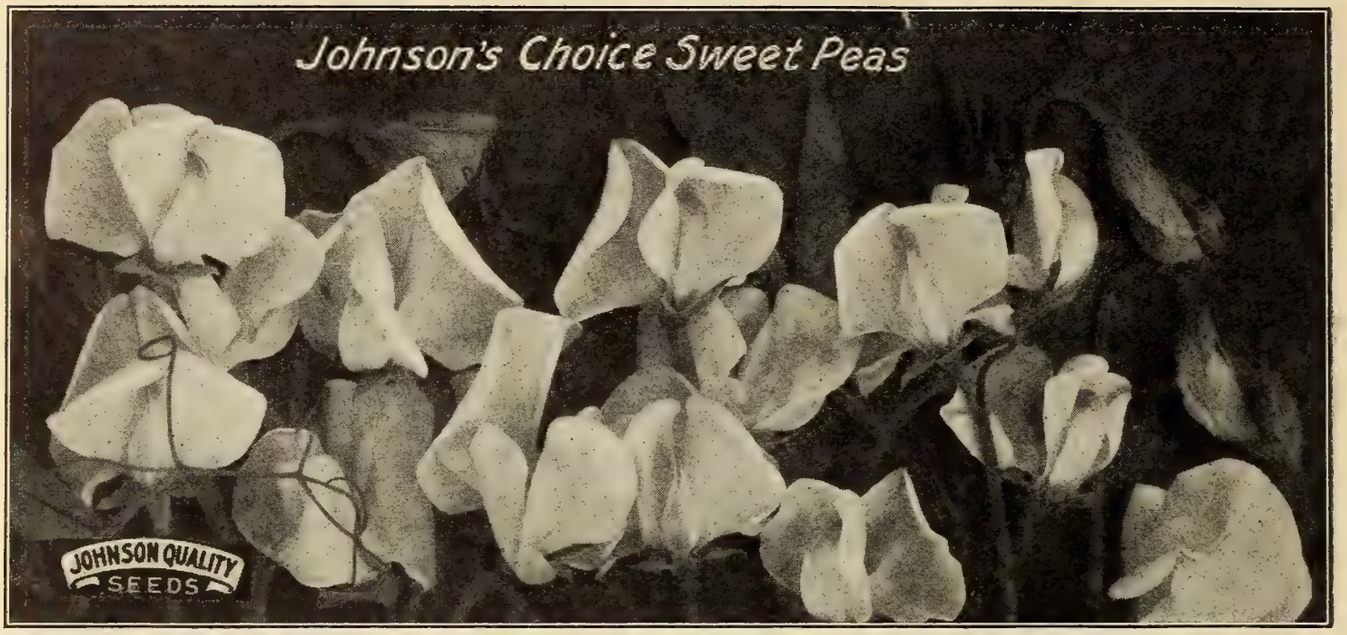
The flowers are singularly marked and delicately penciled—in shape resembling a Petunia.

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large flowering Salpiglossis is one of the most beautiful of flowering annuals. In rich coloring they vie with orchids. Pkt., 5c.

TROPÆOLUM CANARIENSE

490. **CANARY BIRD VINE.** A rapid growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5c.



DOROTHY ECKFORD. The finest standard white.

JOHNSON'S RAINBOW SWEET PEAS

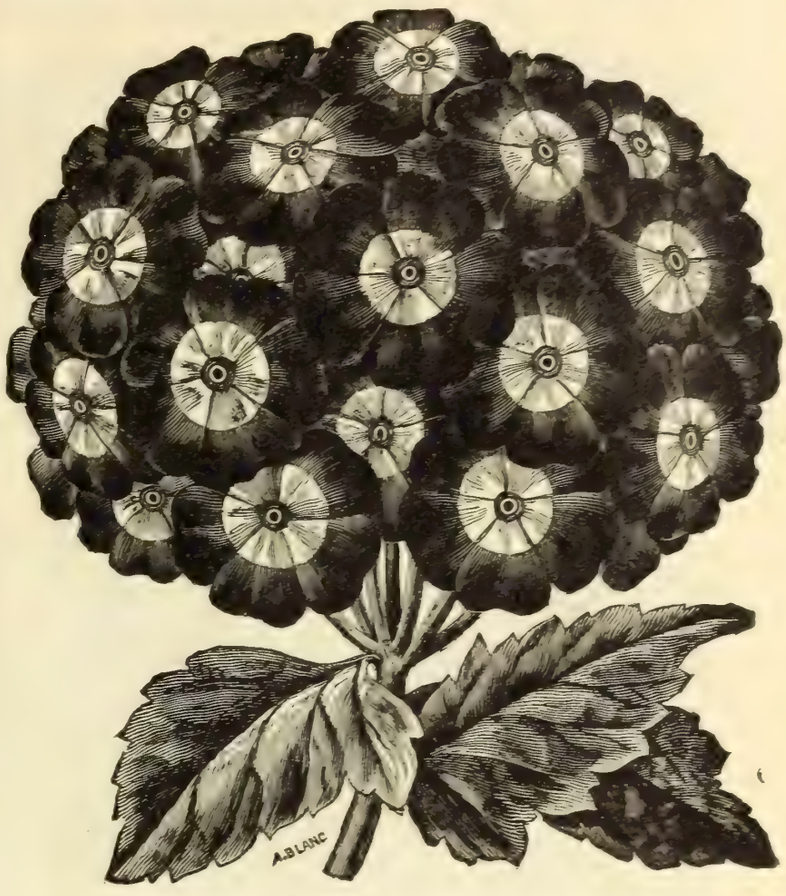
Per Packet, 5 Cents, Except Where Noted	Oz.	¼ Lb.	Lb.
2677. **Aurora.** Orange salmon on white ground	$0 10	$0 20	$0 50
2755. **Blanche Ferry.** Extra early. Pink and white	10	20	50
2746. **Coccinea.** Bright cerise	10	20	50
2738. **Countess of Radnor.** Standard lavender, wings mauve	10	20	50
2672. **Countess of Lathom.** The best cream-pink, self-colored	10	20	50
2674. **Countess Spencer.** Bright pink. Packet, 10c	20	50	1 50
2756. **Dainty.** Pure white with pink edge	10	25	75
2769. **Dorothy Eckford.** Pure white, large flower	10	20	50
2796. **Duke of Westminster.** The best clear purple, large flower	10	20	50
2722. **Emily Henderson.** Pure white, large size, good for forcing	10	20	50
2690. **Earliest of All.** Pink and white, splendid for forcing	10	20	50
2673. **Flora Norton.** The most pronounced bright blue	10	25	75
2683. **Gladys Unwin.** Clear bright pink, large size	10	25	75
2671. **Helen Lewis.** New Giant, orange pink	10	35	1 25
2795. **Helen Pierce.** Gloxinia-flowered, bright blue, mottled on pure white	10	30	1 00
2678. **Hon. Mrs. E. Kenyon.** Deep primrose	10	20	50
2754. **Janet Scott.** Bright pink, large size	10	20	50
2687. **John Ingman.** Rose-carmine fluted flowers, very large size	10	35	1 00
2750. **Katherine Tracy.** Soft brilliant pink	10	20	50
2791. **King Edward VII.** Bright crimson, immense flower	10	25	75
2719. **Lady Grisel Hamilton.** Pale lavender; fine	10	20	50
2720. **Lord Rosebery.** Bright magenta-rose	10	25	75
2790. **Miss Willmott.** Deep orange pink; large size	10	20	50
2778. **Mrs. Walter Wright.** Deep mauve, with bluish wing	10	20	60
2774. **Mrs. George Higginson, Jr.** Clear azure blue	10	20	50
2711. **Mont Blanc.** Large, pure white, excellent for forcing	10	20	50
2703. **Navy Blue.** Deep indigo blue; beautiful	10	20	50
2675. **Nora Unwin.** Magnificent giant white. Packet, 10c	20	60	2 00
2721. **Othello.** Deep maroon; large size	10	20	50
2728. **Phyllis Unwin.** Light magenta rose and carmine	10	30	1 00
2733. **Prince of Wales.** Rose-crimson; large size	10	20	50
2747. **Queen Alexandra.** Bright scarlet red; self-colored	10	35	1 00
2735. **Queen of Spain.** Soft buff pink; fine	10	25	75
2732. **Romola Piazanni.** Rose-purple, changing to lilac and blue	10	20	60
2752. **Royal Rose.** Deep rosy pink	10	20	50
2688. **Salopian.** Brilliant scarlet; fine	10	20	50
2768. **Shahzada.** Dark maroon, shaded purple	10	20	50
2710. **Shasta.** Pure white, of vigorous habit; fine	10	30	1 00
2767. **Stella Morse.** Primrose; flushed pink	10	20	50
2726. **Eckford's Large Flowering Mixed**	5	15	40
2725. **Orchid Flowered Mixed.** Spencer types, exquisite colors, splendid. Pkt., 10c.	20	50	1 50

700. **JOHNSON'S RAINBOW SWEET PEAS—In Mixture**

Contains many beautiful orchid-flowered sorts and Spencer Seedlings. Much care is exercised in preparing this popular mixture, and only standard sorts are used, that possess large size, perfect form and good substance. We highly recommend it to the most critical Sweet Pea enthusiast. Per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; per lb., 75c.

		Per pkt.
SMILAX		
2120.	New crop, per ¼ lb., $1.25	$0 05
STOCKS, DWARF, Large Flowering, Ten Weeks		
2660.	Blood Red	10
2668.	Bright Pink	10
2663.	Light Blue	10
2662.	Pure White	10
2665.	Mixed	10
2669.	Princess Alice (Cut-and-Come-Again) white	10
2659.	Cut-and-Come-Again, Mixed	10
2667.	Wallflower-leaved, Ten Weeks, Snowflake. A fine white	10
2664.	Beauty of Nice. Delicate flesh-pink	10
2656.	Empress Elizabeth. Brilliant carmine rose	10
2657.	Queen Alexandra. Rosy-lilac, fine for cutting	10
2658.	Brompton. Mixed	10
SUNFLOWER (Helianthus)		
1510.	**Stella** (Improved Miniature). Large, single, golden yellow flowers, with black disc, 4 feet,	5
1511.	Chrysanthemum Flowered. Rich, double golden yellow flowers, 7 feet	5
SWEET WILLIAM		
2739.	Single White	5
2744.	" Crimson	5
2745.	" Scarlet	5
2748.	" Velvety Black Maroon	5
2749.	" Red, with white eye	5
2751.	" Violet, with white eye	5
2741.	" Mixed. All colors	5
2742.	" Holborn Glory. Auricula flowered. A superb strain	10
2740.	Double Mixed. All colors	10
2743.	" Giant Mixed. Very large,	10
THUNBERGIA (Black Eyed Susan)		
2761.	Aurantiaca, orange, with dark eye,	5
2760.	Alba Oculata, white, with dark eye,	5
2764.	Alata, buff, with dark eye	5
2762.	Bakeri. Pure white	5
2765.	Freyeri. Orange	5
2766.	Sulphurea. Sulphur	5
2763.	Choice Mixed	5
TORENIA		
2801.	Fournieri (White Wings), white,	10
2802.	Bailloni, yellow	10
VIOLA (Tufted Pansies)		
2862.	Cornuta Papilio. (Butterfly Violet.) Blue	10
2863.	Cornuta Lutea Splendens. Clear yellow	10
2864.	Cornuta Blue Perfection. Deep blue	10
2865.	Cornuta White Perfection. Fine white	10
2866.	Cornuta Hybrida Admirabilis	10
2867.	Cornuta. Mixed. All colors	10
2868.	Odorata. Mixed. (Sweet Violet),	10
VISCARIA		
2870.	Cardinalis. Bright red	10
2871.	Oculata. Mixed. All colors	5
WALLFLOWER		
2902.	Single Goliath. Deep velvety brown	5
2903.	Single Extra Early Paris. Flowers the first season	5
2901.	Single Mixed. All colors	5
2900.	Double Mixed	10

JOHNSON'S BRILLIANT MAMMOTH VERBENA



BRILLIANT MAMMOTH FLOWERING VERBENA, MIXED
Trade packet (1000 seeds), 25c.; per ounce, $1.00

Florists and private gardeners pronounce our strain of **Mammoth Flowering Verbenas** the best on the market. The extraordinary size of the flowers, the rich, brilliant colors, and the distinctive markings commend this superior strain to the most critical growers.

We offer New Crop Seed in separate colors as follows:

		Per pkt.
2810.	Mammoth white	$0 10
2812.	" pink	10
2811.	" scarlet	10
2813.	" purple	10
2815.	" mixed	10
2825.	Fine Mixed	5
2828.	Choice mixed, a superb strain	10

VINCA (Madagascar Periwinkle)

2910.	Rosea. Pink	5
2911.	Alba. White, with crimson eye	5
2912.	Alba Pura. Pure white	5
2913.	Mixed	5

ZINNIA ELEGANS, DOUBLE

2941. Mammoth (*Robusta Plenissima*). Very large, perfectly double flowers, of many striking colors. Bushy habit. Pkt., 10c.; oz., 40c.

Large Flowering, Double Dwarf.

2930.	**Scarlet**	5
2931.	Orange	5
2932.	**White**	5
2933.	Canary	5
2940.	Tall, mixed	5
2939.	Dwarf, mixed	5
2938.	Curled and Crested, dwarf, mixed,	5
2943.	Mammoth Queen Victoria, white,	10
2942.	Striped or Zebra	5

SUMMER FLOWERING BULBS

NOTE.—Bulbs quoted by the dozen will be sent by mail postpaid only where so specified

CANNAS—Large Flowering

CANNAS—Selected Large Flowering

	Per doz. Postpaid	Per 100
Alphonse Bouvier. Crimson, 6 ft.	$0 65	$4 25
Alsace. Sulphur white, 4½ ft.	65	4 25
Beaute Poitevine. Brilliant, crimson scarlet, 3 ft.	65	4 25
Black Prince. Very dark velvety maroon, 3½ ft.	65	4 25
Buttercup. Finest yellow, 3 ft.	1 00	5 25
Chas. Henderson. Bright crimson, 4 ft.	65	4 25
Cinnabar. Cinnabar red, edged yellow, 4½ ft.	75	5 25
Egandale. Currant-red, bronze leaved, 4 ft.	65	4 25
Florence Vaughan. Yellow, spotted red, 4 ft.	65	4 25
Luray. Deep rose pink, 4½ ft.	65	5 25
Mme. Crozy. Gilt-edged scarlet, 4 ft.	65	4 25
Mlle. Berat. Bright pink, 4 ft.	65	4 25
Queen Charlotte. Crimson scarlet, broad canary yellow border, 3 ft.	65	4 25
Secretaire Chabanne. Salmon, 3 ft.	65	4 25
Souv. de Antoine Crozy. Intense scarlet with golden edge, 3½ ft.	65	4 25

CANNAS—Orchid Flowered

	Per doz.	Per 100
Allemania. Salmon scarlet, with yellow border, 6 ft.	$0 65	$4 25
Austria. Canary yellow, with yellow dots in the center, 6 ft.	65	4 25
Italia. Bright orange scarlet, with yellow border, 6 ft.	65	4 25
Pennsylvania. Vermilion scarlet, overlaid with orange, 6 ft.	85	5 25

Any of the above Cannas, 10c. each postpaid.

BEGONIAS—Selected Bulbs

(1¼-1½ inch bulbs)

	Each	Doz. Postpaid	Per 100	Per 1000
Single: White, scarlet, crimson, rose and yellow..	$0 05	$0 40	$2 50	$22 00
" Choice Mixed	5	35	2 25	20 00
Double: White, scarlet, crimson, rose and yellow..	7	75	3 75	35 00
" Choice Mixed	7	60	3 50	33 00

CALADIUM ESCULENTUM

(ELEPHANT'S EARS)

	Per doz.	Per 100
Large size	$2 00	$11 00
Medium size	1 50	9 00
Small size	60	3 00

Postage will be added if sent by mail.

CYCAS REVOLUTA—Sago Palm

(READY IN MARCH)

10 lbs., $1.25; 25 lbs., $2.50; 100 lbs., $8.00; 300 lbs. (case), $22.50. Stems range from ½ lb. to 10 lbs.

	Each	Per doz.	Per 100
Cinnamon Vine Roots	$0 10	$0 75	$4 00
Kudzu Vine Roots	15	1 50	9 00
Madeira, or Mexican Vine,	5	40	2 50

JAPANESE FERN BALLS

(Directions for starting accompany each order)

	Each	Per doz.	Per 100
Small size, 5 to 6 inches in diameter	$0 25	$2 00	$13 00
Large size, 7 to 9 inches in diameter	40	3 00	21 00

GLADIOLUS—Strictly First Size Bulbs

	Per doz. Postpaid	Per 100	Per 1000
Scarlet and Crimson	$0 25	$1 25	$10 00
White and Light, shades mix.	30	2 00	16 00
Yellow and Orange	45	3 50	30 00
Striped and Variegated	35	2 25	20 00
Pink and Rose, shades mixed	30	1 75	13 00
New Giant (Childsii), mixed,	35	2 25	20 00
Lemoine's Hybrids, mixed,	30	1 60	13 00
Groff's Hybrids, mixed	30	1 75	15 00
Mixed, all colors	20	1 00	6 00

JOHNSON'S PRIZE WINNER MIXTURE, No. 1

A superb collection of Gandavensis, Childsii and Lemoinei Gladioli, that cannot be excelled for size of flowers and range of brilliant colors. Per doz., 30c.; per 100, $1.50; per 1,000, $12.00.

JOHNSON'S PRIZE WINNER MIXTURE No. 2

The same as above, but smaller bulbs. Per doz., 25c.; per 100, $1.25; per 1,000, $9.00.

GLOXINIAS—Giant Flowering

An unrivaled giant flowering strain from a Ghent specialist. **Selected Bulbs** (1¼–1½ inches in diameter).

	Each	Doz. Postpaid	Per 100
Blue, white, spotted, crimson, violet with border and red with border	$0 07	$0 60	$3 50
Choice Mixed	7	50	3 25

TUBEROSES—Excelsior Double Pearl

	Per doz. Postpaid	Per 100	Per 1000
Selected No. 1 Bulbs	$0 25	$1 25	$7 50
" **No. 2** "	20	75	5 00

6 BULBS AT DOZEN RATE; 25 AT 100 RATE; 250 AT 1000 RATE, OF ANY ONE VARIETY

JOHNSON'S SUPERB DAHLIAS

EXQUISITE NEW DAHLIAS

Big Chief (New Peony-flowered). Immense size; 6 to 7 inches across. Brilliant crimson, margined maroon. 40 cents each.

Cockatoo (Cactus). Clear yellow, shaded fawn, tipped white; fine. 25 cents each.

Ethel Schmidt (Fancy). Pure white, suffused pink, spotted and penciled crimson. 40 cents each.

Etendard d'Lyon (Collarette). Bright garnet, with white collar petals around the center; distinct and striking. 20 cents each.

Jack Rose (Decorative). Very large, bright glowing crimson; an early, continuous and profuse bloomer; always perfect. 50 cents each.

Mrs. Roosevelt (Decorative). Beautiful silvery pink, of gigantic size and perfect form. 25 cents each.

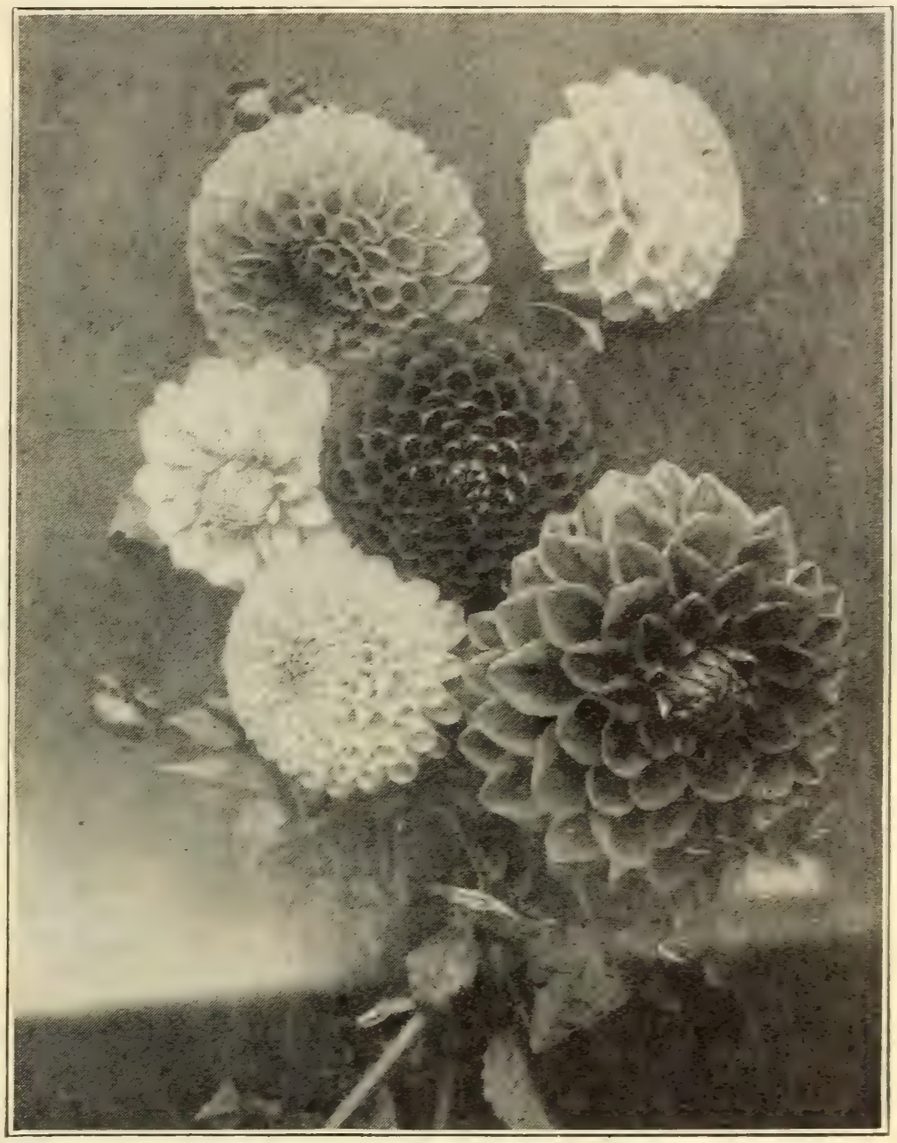
Nelson (Cactus). Rich crimson, overlaid bright magenta; very large, exquisite form. 25 cents each.

Prince of Yellows (Cactus). Clear canary yellow; very fine. 25 cents each.

Sensation (New Peony-flowered). Vivid vermilion scarlet; heavily tipped white. Entirely new and distinct. 75 cents each.

Virginia Maule (Decorative). Very large; exquisitely beautiful, shell pink. 40 cents each.

We will mail any of above on receipt of price, or the set of 10 most beautiful and distinct new Dahlias for $2.50.



CACTUS DAHLIAS

Britannia. Deep salmon flesh.
Burbank. Bright dazzling cardinal.
General Buller. Maroon, tipped white.
Jessie. Deep rose pink.
J. W. Fife. Purple maroon, very rich.
Kriemhilde. Exquisite pink and white.
Keyne's White. Fine, pure white.
Mrs. H. J. Jones. Scarlet, tipped white.
Mrs. Jewett. Soft glistening salmon.
Rosenhagen. Soft rosy lake.
Wallace. Rich golden yellow.
Wm. Cuthbertson. Deep scarlet, shaded.

DECORATIVE DAHLIAS

Black Prince. Large; rich velvety maroon.
C. W. Bruton. Immense clear canary yellow.
Grand Duke Alexis. Pure white, tinted pink.
Lemon Giant. Large; clear lemon yellow.
Lyndhurst. Early, large, vermilion scarlet.
Blue Oban. Very large; lavender blue.
Mme. Van Den Dael. Light pink, shaded deep pink; fine.
Perle d'Or. White, chrysanthemum-shaped.
Sylvia. Large, white shading to pink; early.
Wm. Agnew. Rich, dazzling red; very fine.

SHOW AND FANCY DAHLIAS

A. D. Livoni. Beautiful soft pink, quilled.
Arabella. Primrose, shaded and edged rose. A splendid variety of beautiful form; an early, free and continuous bloomer.
Bon Ton. Bright glistening crimson.
Champion Rollo. Large. Buff, richly shaded.
Maid of Kent. Rich crimson, tipped white.
Meteor. Large, full, round. Deep red.
Mrs. Dexter. Bright golden salmon; fine.
Mrs. Langtry. Yellow, tipped rich crimson.
Queen Victoria. Golden yellow, quilled.
Queen of Yellows. Clear canary yellow.
Red Hussar. Rich glowing red; very profuse.
Striped Banner. Red, with white stripe.

NEW CENTURY DAHLIAS

A new race of giant Singles, as large as saucers, exquisitely colored.

Twentieth Century. White, heavily blotched bright crimson. Also under following colors: white, shell pink, rose pink, yellow, red, garnet and variegated.

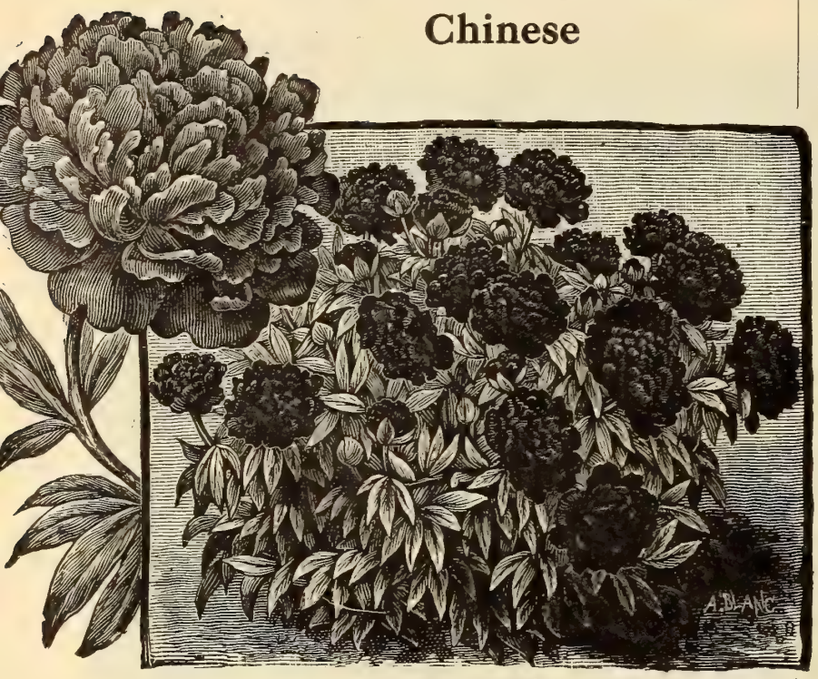
Any of the above Dahlias 15c. each; $1.50 per dozen, postpaid.

MIXED DAHLIAS

We have a large surplus of undivided field-grown roots in unnamed varieties from a splendid collection, at 10c. each; $1.00 per dozen; $5.00 per 100; $40.00 per 1000.

PÆONIES

Double Sweet Scented Chinese



PÆONIES

Double Sweet Scented Superb Varieties

The pæonies offered herewith have been selected by an eminent specialist with a view of meeting the demands of a critical florists' trade. The varieties named below produce long stems, magnificent flowers, and are the most desirable for cutting. Price of any of the following varieties, **25c. each; $2.00 per doz.; $12.00 per 100.**

Alba Plena. White, very popular.
Agida. Rich, glowing dark red.
Caroline Allain. Blush white.
Fragrans. Deep pink, with light center.
Humei. Large pink, with blush center; fine.
Madame Calot. Pure white, tinted rose.
Ne Plus Ultra. Brilliant rose, edged white.
Prince Prosper d'Aramberg. Flesh pink, extra large flower.
Pulcherrima. Rose violet center, rose and salmon.
Rosea Elegans. Rosy purple with lighter center.
Reevesii. Soft pink, red blotch on center petals.
Rubra Triumphans. Rich glowing crimson.
Queen Victoria. White, red blotch on center petals.
Duke of Wellington. Soft white, creamy white center. $16.00 per 100.
Festiva Alba. Pure white, very fine.
FESTIVA MAXIMA. White, center petals flaked red; magnificent flower; the most popular of pæonies. Each, 35c.; $3.75 per dozen.

DOUBLE CHINESE PÆONIES

	Each	Per doz. Postpaid	Per 100 Postpaid
Pink Shades	$0 20	$1 75	$7 50
Red	20	1 75	7 50
White	25	2 00	8 50
Mixed—All colors	20	1 50	7 00

PÆONY OFFICINALIS

	Each	Per doz. Postpaid	Per 100 Postpaid
Rubra. Brilliant crimson. Two weeks earlier than the Chinensis variety,	$0 20	$1 25	$7 50

High-Grade Lily of the Valley Pips

We import the finest stocks procurable of Berlin and Hamburg Pips.

	Per 100	Per 1000	Per case 2500
Berlin. Selected, 3 years old,	$1 75	$15 00	$35 00
Hamburg. For late forcing (3 years old)	1 50	13 00	30 00

Cold Storage Lily of the Valley

PRICES ON APPLICATION

JAPANESE LILIES

LILIUM AURATUM

(The Golden-Banded Lily of Japan)

	Each	Per doz.	Per 100
8 to 9 inches	$0 15	$1 00	$6 50
9 to 11 inches	25	2 00	10 00
Lilium Speciosum Roseum or Rubrum.			
8 to 9 inches	15	90	6 00
9 to 11 inches	20	1 25	8 00
Lilium Speciosum Album.			
8 to 9 inches	15	1 25	8 00
9 to 11 inches	25	2 00	13 00
Lilium Speciosum Melpomene.			
8 to 9 inches	15	1 25	8 00
Lilium Speciosum Magnificum.			
Dark red, 8 to 9 inches	15	1 50	8 00
Lilium Tigrinum Splendens.			
Single Tiger Lily. Orange, spotted brown	10	Postpaid 85	4 00
Lilium Tigrinum Flore Plena. Double Tiger Lily,	10	85	4 00

If desired by mail, add 25c. additional to the dozen rate.

LILIUM AURATUM.

The Golden-Banded Lily of Japan. Large size, 25c. each; per doz., $2.00.

6 bulbs at dozen rate; 25 at 100 rate; 250 at 1000 rate, of any one variety

JOHNSON'S HIGH GRADE ROSES

LEAFLET ESSAY, "Hints on Rose Culture," included free with each order *if you ask for it.*

NOTICE.—We offer mailing-size roses only. Well-Rooted Plants.

"THE IDEAL" SET OF HARDY EVER-BLOOMERS

Hermosa. Everybody knows the beauty and constancy of this old favorite. Clear bright Pink; very double and fragrant and quite hardy. No list complete without Hermosa.

Marie Guillot. Large, full flowers, pure snowy white in color. Admirably adapted to outdoor culture. Always in bloom and always satisfactory.

Marie Van Houtte. Fine for open ground. Beautiful straw-yellow. Very double; unusually fragrant; an abundant bloomer.

Maman Cochet. Pink tea rose with enormous flowers of great depth and substance. Never fails to grow and bloom profusely with only ordinary care. A beautiful rich coral Pink.

Kaiserin Augusta Victoria. Pure ivory-white flowers, of enchanting fragrance and beauty. Stems long and stiff; growth strong; every flower a beauty.

Queen's Scarlet. Very hardy scarlet rose, of a rich velvety crimson. Handsome-shaped buds and flowers. Most valuable for garden culture; a bed once established is a mass of bright scarlet the entire blooming season.

MARIE VAN HOUTTE ROSE.

Bessie Brown. Superb new white rose. Exquisite long buds, of warm, soft flesh pink tint, that glisten like mother-of-pearl. Constant, profuse bloomer and delightfully perfumed. Hardy and vigorous.

Helen Gould (*Red Cochet*). One of the best roses ever introduced. Intense carmine crimson with deeper shades in the depth of the petals, much like American Beauty. Wonderfully prolific and entirely hardy.

Etoile de Lyon. Well-known golden yellow, of great vigor and sweetness. The best *Pure Yellow* Rose for garden planting yet introduced. Makes beautiful buds; is very double and fragrant.

Papa Gontier. Noted for its perfect bud and long stem. Carmine crimson. Fine for cut flowers. Sometimes called "The Ever-blooming Jack."

Mad. Franceska Kruger. Splendid for general culture, its striking color and free growth giving it popularity wherever grown. Beautiful coppery yellow, with large flowers. Unlike any other rose in our list.

La France. Too well known to need more than a mention. Great satiny pink flowers.

Prices of above "Ideal" Roses:
1 year, 15c. each; any 6 for 60c.; set of 12 for $1.00, by mail, postpaid.

FIVE COLLECTIONS ARRANGED WITH CARE TO SUIT YOUR GARDEN

PRICES AT END OF LIST

COLLECTION "A"

THE LA FRANCE QUARTET

The **La France** type of roses are nearer to perfection than any other class and should have a place in every garden. They are without a rival for their rich fragrance and handsome buds and great satiny flowers.
We offer White, Red, Striped and the true Pink La France.

COLLECTION "B"

THE COCHETS

All good growers, splendid bloomers and fine bedding sorts. Every plant is a gem and in great demand. Queens among roses; flowers are enormous, full and deliciously sweet. Pink Maman Cochet, Yellow Cochet, White Cochet, Red Cochet (*Helen Gould*).

COLLECTION "C"

THE SOUPERT SET

The **Souperts** are world-famous. Noted for their beautiful camellia form and good bedding qualities. Bloom early and continue loaded with lovely buds and flowers all summer and fall. Yellow, Pink, White and the new Climbing Clotilde Soupert.

COLLECTION "D"

THE HERMOSA ROSES—ALWAYS IN BLOOM

The **Hermosas** are the old-fashioned, hardy, bedding roses our grandmothers loved. Exquisitely formed and daintily scented. We have them. Purest White, satiny Pink, velvety Scarlet, or rich Canary Yellow.

Prices of above Collections, A, B, C, D, E, single plants, 1-year, 15c. each; any one complete set for 50c., postpaid; the 5 complete sets for $2.25, postpaid.

COLLECTION "E"

FOUR FAMOUS RAMBLERS

Yellow Rambler. The only yellow hardy Climbing Rose. The bloom is frequently borne in clusters of from 120 to 150 flowers; the color is a clear, decided yellow, changing in two or three weeks to a beautiful cream-color.

Pink Rambler. Like the above in great vigor, hardiness and lavish bloom, but with flowers of rich, rosy pink.

White Rambler Exquisite pure white double flowers in large clusters. Has all the grand traits of the other Ramblers.

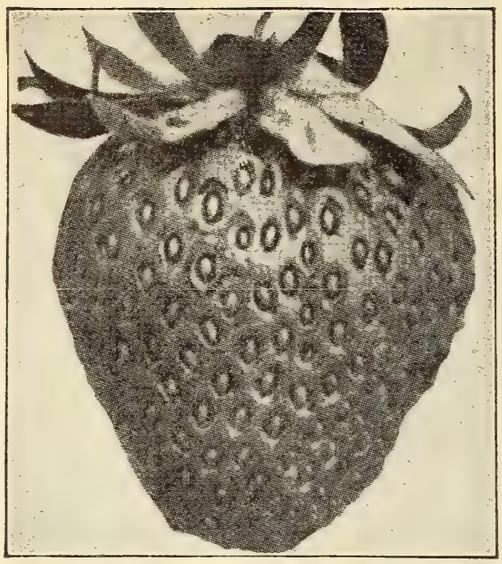
Crimson Rambler. Incomparably the finest in effect of all Climbers. The great trusses of small, glowing crimson flowers appear in June, and remain brilliant for weeks. Shoots from 8 to 10 feet high spring up in one season. As hardy as an oak.

BABY RAMBLER

Yes, we have it, and it will create a sensation among lovers of new roses the coming season. It will bloom on the cutting bench if allowed. An absolutely hardy, ever-blooming cluster rose, much like the well-known Crimson Rambler, but of dwarf growth. Will bloom all the season, outdoors and indoors as well. Nice mailing size plants, **15c.; 4 for 50c.; 10 for $1.00.** Everybody will want it, and our plants are fine. Will be in great demand—don't delay in ordering.

A Bargain Offer.

WE WILL DELIVER, ALL POSTAGE PAID, 20 CHOICE, WELL-ROOTED ROSE PLANTS, OUR SELECTION, FOR $1.00.



THE NEW HERITAGE STRAWBERRY.

Johnson's Strawberry Plants

New Seedling Strawberry, Heritage

The Heritage is the latest novelty in strawberries. Originated in Burlington County, N. J., it has attracted much attention in Philadelphia markets, owing to its very large size, dark shining crimson color and fine quality. Extremely large from its first pickings, holding its size and yielding abundantly after all other varieties are gone. Price, postpaid, 75c. per dozen; by express, 50c. per dozen; $1.50 per 100; $8.00 per 1000. Special prices by letter for larger lots.

SEVEN MOST POPULAR STANDARD STRAWBERRIES

Price on each variety, per dozen, 40c.; per 100, $1.25, by mail, postpaid; by express, per dozen, 25c.; per 100, 75c.; per 1000, $6.00. In 1000 lots we will assort varieties.

AUTO. A new, perfect flowering Delaware berry, of large size and extra fine quality. Enormously prolific, of unusual vigor and carries its fruit well up from the ground. Will flourish and bear fine crop under adverse weather conditions. Flavor delicious; pointed in shape.

BUBACH, No. 5. (*Midseason.*) A prominent grower says: "If all varieties were culled out but ten, I would place Bubach, No. 5, at the head of the list, on account of its large, bright berries, immense yield and fine flavor." Pistillate.

"THE GANDY." (*Late.*) One of the best *late* strawberries ever introduced. The fruits are uniformly large, perfect in form and firm; color, bright crimson and glossy. Quality superb. Perfect blooming.

THE MAXIMUS. One of the largest and most beautiful of all strawberries. (*Late.*) Perfect bloomer; strong, robust and prolific. Berries conical, deep glossy scarlet; flesh pink, very tender, of mild flavor.

OOM PAUL. This new strawberry is pronounced by many growers who have tried it a perfect wonder. Stupendous in size and delicious in flavor. Good shape, elegant color and fine shipper. A very rank grower and a perfect bloomer. The berries are giants; six have been known to fill a quart box, and the last picking never runs small. Single plants yield a full quart. Very prolific. Perfect bloomer.

GLEN MARY. (*Midseason.*) Perfect flowering. Vigorous, of Brandywine type. Enormously productive of large, deep red berries. Flesh very firm. Red clear to the center; sweet, rich and high-flavored; a decidedly good all-round berry.

BRANDYWINE. (*Midseason to very late.*) Brandywine is already *world-famous*. In fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory. The berries are of large size, glossy scarlet, very firm, solid and shapely, rich, juicy and luscious, and wonderfully productive. Perfect flowering.

BLACKBERRIES

The following varieties are each 75c. per dozen, postpaid; by express, 60c. per dozen; $3.00 per 100.

WILSON'S EARLY. Very large, sweet, fine for market.

WARD. A new blackberry. A very strong grower, black throughout and very prolific, firm, of highest quality.

ERIE. Hardy, productive, large and of good quality.

KITTATINNY. Most popular; large, medium to late.

CURRANTS

PRES. WILDER. In size of bunch and berry, color and quality of fruit, the Wilder is much superior to Fay's Prolific. Postpaid, doz., $1.15; by express, doz., $1.00; 100, $7.00.

CHERRY. Popular, large, red. Postpaid, doz., $1.00; by express, doz., 90c.; 100, $4.00; 1000, $35.00.

FAY'S PROLIFIC. Postpaid, doz., $1.00; by express, doz., 90c.; 100, $4.00; 1000, $35.00.

RASPBERRIES

The following are each 50c. per dozen, postpaid; by express, 45c. per dozen; $1.75 per 100; $12.00 per 1000.

CUTHBERT. The leading red raspberry, strong grower.

HANSELL. The earliest red, medium size.

MILLER. Large, firm, red berry, holding size well.

BLACKCAP BERRIES—Gregg, Souhegan & Tyler.

GOOSEBERRIES

Postpaid, each, 20c.; doz., $1.50 by mail, postpaid; by express, doz., $1.35; 100, $8.00.

INDUSTRY. Early, dark red, large, good quality.

DOWNING. Large, green, immense cropper, strong grower.

GRAPE VINES

CONCORD. The popular black grape.

NIAGARA. Favorite white grape. Very prolific. Large, handsome bunches.

CATAWBA. Dark red, medium size, sweet.

DELAWARE. Small, sweet, red berry.

One-year-old, 15c. each; $1.50 per doz.; $5.00 per 100; 2 year-old, 20c. each; $2.00 per doz.; $6.00 per 100.

CALIFORNIA PRIVET

THE BEST HEDGE PLANT

Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

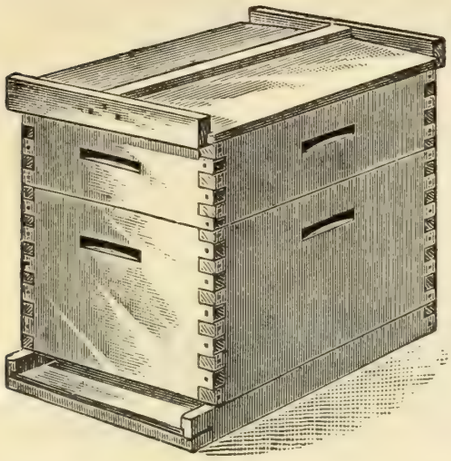
A vigorous grower, with leaves of a good, rich shade of green; it is almost an evergreen, the new leaves putting forth as the old ones fall.

Privet can be pruned at any time, and the more this is done, the better it will look and the thicker it will grow. Insects never attack it, and it does not grow dull, but holds its beautiful green foliage throughout the season.

We have a fine lot of good, strong, well-rooted, well-branched plants to offer. They should not be compared to the tall spindling things often offered.

		Per 100	Per 1000
Prices:	18 to 24 inches....	$3.25	$28.00
	2 to 3 feet.....	3.75	30.00

BEE HIVES



The **Dovetailed Hive** is taking the lead of the single-walled hives, as it contains many of the most desirable features of the various hives for rapid handling of bees, and is one of the cheapest hives manufactured.

It is dovetailed together, as shown in cut, and that is what gives it its name.

	Each set up.	Each in flat.	Per 5 in flat.
No. 1. Dovetailed Hives, eight frame, all parts complete	$3 15	$2 35	$10 75
No. 2. Dovetailed Hives, ten frame, all parts complete	3 60	3 00	11 00
No. 5. Dovetailed Hives, eight frame, all parts complete	3 40	2 60	11 75

DOVETAILED SUPER

With plain section and fence

Each, complete, 95c., nailed; 70c., in flat.

SECTION BOXES

No. 1. Made up of the choicest white basswood, perfect in finish and free from defects.

Price, per 25, 30c.; per 100, 80c.; per 1000, $6 00.

Write for special price on large quantities.

No. 2. Made of basswood, but not finished as perfectly as the No. 1.

Price, per 100, 65c.; per 1000, $4.50.

Hoffman Frames, thick top, self-spacing, put up, $5.50 per 100; in flat, $3.00 per 100.

We carry all **Working Parts for Hives.** Write for prices.

COMB FOUNDATION

Made from pure bright yellow beeswax. Price, Medium Brood, 58c. per lb.; Light Super, 65c. per lb.; Thin Super, 70c. per lb.

If by mail, add 16c. per lb. for postage.

PAPER EGG BOXES

For carrying 1 dozen eggs. 25c. per dozen; $1.00 per 100; $8.00 per 1000. (1000 lots printed with name free of charge.)

LEVER HAY CUTTERS

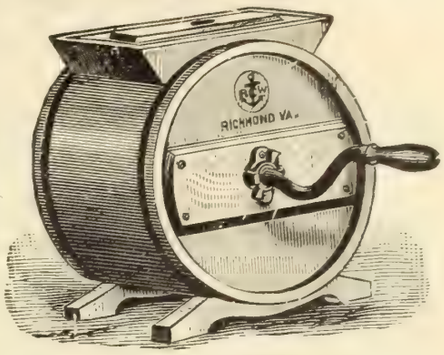
For use on a small scale. Gauges regulate the length of cut. Price, $3.00.

We carry a full stock of A. I. Root's Bee Keepers' and other Supplies. Write us about your needs.

IMPROVED CEDAR CYLINDER CHURNS

Double Dasher. Thumb-Screw Lock

This cut represents the White Cedar Cylinder Churn. It is made with a double dasher and the crank is locked to the Churn with a clamp and thumb-screw, which prevents leakage—lock cannot break. The top is large and the dasher easily removed. The hoops are of galvanized iron and will not rust. It is absolutely the most popular and best low-priced Churn on the market.



CYLINDER CHURN.

No. 1—3 Gallons, each, $2.00
No. 2—4 Gallons, each, 2.40
No. 3—7 Gallons, each, $2.75
No. 4—10 Gallons, each, 3.25

THERMOMETERS

Floating Glass Dairy, each, 15c. and	$0 25
Hot Bed or Mushroom Bed, with brass end	1 50
Incubator Thermometers, each	50
Brooder Thermometers, each	40

BANNER ROOT CUTTERS

No. 7. Small machine for cutting fine; very useful. $5.00.

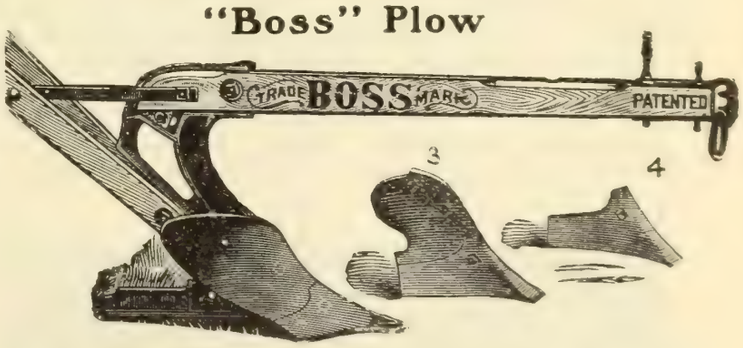
No. 20. Hand Machine. $8.50.

No. 15. Hand and Power. Has Band Wheel for light power. $9.50.

No. 28. Improved machine for hand and power. Fine for large users. Send for circular. Without pulley, $15.00; with pulley, $16.00.

BANNER ROOT CUTTER, No. 20. Capacity 30 to 50 bush. per hour. Price, $8.50.

The Market Gardener's "Boss" Plow



MARKET GARDENER'S "BOSS." The best one-horse plow.

This plow is fitted with three moldboards, one very small for loosening up root crops, and two larger ones. Also a very large double moldboard for ridging and furrowing.

Price, with three moldboards and one extra share	$5 00
Double moldboard extra	1 50

Extra shares, 30 cents each; landsides, 40 cents each.

We carry a large line of Iron Age and Planet Jr. Farm and Garden Tools. See page 96 and third cover.

JOHNSON SEED COMPANY

Are Sole Philadelphia Agents for the Genuine Standard CYPHERS Fire-Proofed, Insurable

INCUBATORS AND BROODERS

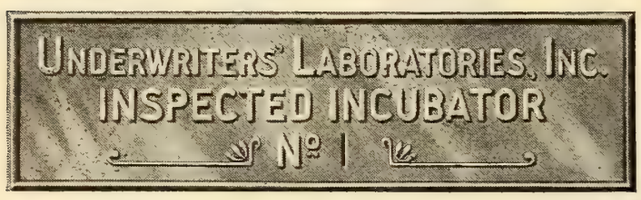
All Poultry Raisers Should Use the Latest Triumph in Standard Hatching Machines. Do Not Continue to Risk Life and Property by Operating Cheaply Built Incubators and Fire-Trap Brooders

For 1910 We offer customers an extraordinary improvement in Incubators and Brooders. It is the talk of poultry raisers that Cyphers Incubator Company **have succeeded in perfecting such an advanced line of Fire-Proofed Incubators and Brooders that the National Board of Fire Underwriters has given them a special preference;** has recognized them as superior fire-proofed machines; and in proof thereof has granted the Cyphers Company the right to affix to every inspected machine a metal label signifying that the machine comes up to their requirements and has, therefore, been passed by them.

No. 0 Standard Cyphers Incubator, 1910 Pattern, 70-egg capacity. Price, $15.00. Fire-Proofed, Non-Moisture, Self-Regulating, Self-Ventilating and covered by Manufacturers' Guarantee of "Satisfaction or Your Money Back."

SEE THIS INSURANCE LABEL
THE FIRST EVER GRANTED

on Incubators and Brooders. In future, therefore, our customers who buy standard Cyphers machines will find the label attached to their machines. **There is no other way to prove that an Incubator or Brooder is fire-proofed.** If you have or if you want insurance on your house or on your buildings, you should use a machine that bears the label. **Don't buy an Incubator without a label.** It would not be wise to buy one simply because it is said to be cheap. It would not be wise, even, to accept one as a gift.



Form of Brass Label to be found (in serial numbers) on every 1910 Standard Cyphers Incubator. All sizes.

This label protects you. It signifies that the machine bearing it has withstood the severe tests and inspection of the National Board of Fire Underwriters.

When you buy an Incubator or Brooder your first question should now be—is it insurable? Does it bear the label? After that comes the question—is it the best hatcher? If not, you don't want it. Buy the Incubator that has stood the test of hatching year after year, and is acknowledged to be the best by the most successful poultrymen—**those who have made money in the business.** The principle of construction that has made Cyphers Incubator the leader for the past twelve years remains unchanged. The Non-Moisture Principle, the Self-Ventilating Principle, the Self-Regulating Principle, in fact, the Whole Hatching Principle is as it has been during many successful years. This enables the manufacturers to guarantee more and stronger chicks than any other machine can hatch.

Form of Brass Label to be found (in serial numbers) on every 1910 Standard Cyphers Brooder. All sizes.

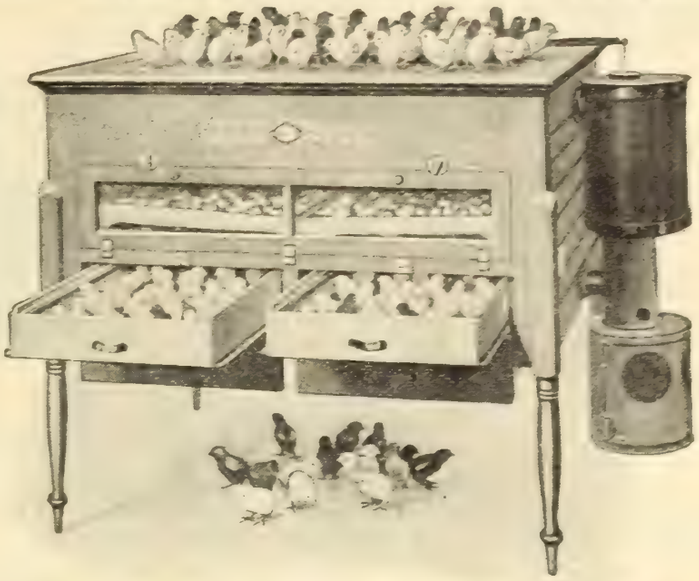
THE FOLLOWING THREE INDISPUTABLE FACTS

Together with the **INSURABLE FEATURE** of the Standard Cyphers, and the manufacturer's **unequaled warrant of superiority,** should enable all intending purchasers of a high-grade incubator to decide, without delay, which make of machine to buy:

FIRST—Standard Cyphers Incubators are in successful use on more **large practical poultry plants THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**

SECOND—Standard Cyphers Incubators are in successful use by more **well-known American poultrymen THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**

THIRD—Standard Cyphers Incubators are in successful use on more **Government experiment stations** in the United States, Canada and other English-speaking countries **THAN ALL OTHER MAKES OF INCUBATORS COMBINED.**



No. 2.—Standard Cyphers Incubator, 1910 Pattern, 244-Egg Capacity. Price, $32.00. Fire-proofed, self-regulating, self-ventilating, equipped with patented nursery drawers.

THE CYPHERS WARRANT OF SUPERIORITY

The patented, exclusive features of the genuine Cyphers Incubators place us in a position to **positively warrant and guarantee** all Standard Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating and Self-Regulating Incubators manufactured by us and **sold under registered trade-mark,** either by this Company or its authorized agents, as follows:

FIRST—To require no supplied moisture, under normal conditions, thus solving and disposing of the troublesome "moisture question."

SECOND—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

THIRD—To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

FOURTH—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

FIFTH—To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

SIXTH—To be easy to set up and **positively automatic** in operation (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.

SEVENTH—To be in all essentials **the simplest and easiest** to operate and control, requiring less attention than any other make or style of incubator.

EIGHTH—To produce **larger, stronger** and **healthier** chicks and ducklings than any other style or make of incubator.

NINTH—That when it is run in competition with any incubator of a different make, it shall, in three or more hatches, bring out a **larger average percentage** of the fertile eggs in **good, healthy chicks and ducklings** than does its competitor.

TENTH—**That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within 90 days, in good repair, less reasonable wear, and the purchase price will be refunded.**

While you are about it, **buy the best**—THE STANDARD HATCHER OF THE WORLD—then you will know you are right, so far as owning a strictly first-class incubator is concerned, and it should be remembered, when you come to the question of success or failure in raising chickens by artificial means, that **THE INCUBATOR YOU USE** is "the neck of the bottle."

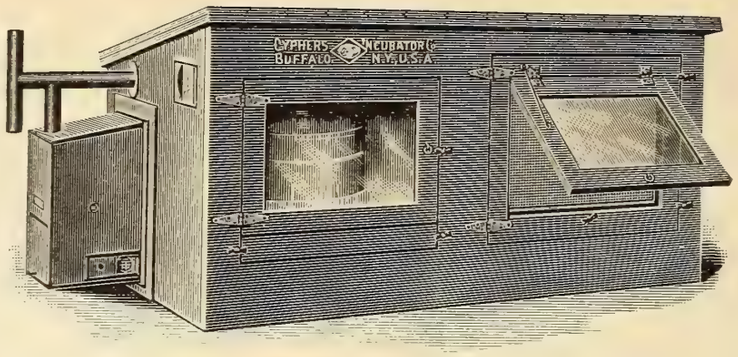
We Sell Cyphers Fire-Proofed Insurable Incubators and Brooders for 1910 at Factory Prices as Given Below, F.O.B. Philadelphia, Pa.

No. 0.	**1910 Fire-Proof Standard Cyphers Incubator,**	70 hen egg size— 56 duck eggs	$15 00
No. 1.	**1910** " " " "	144 hen egg size—112 " "	22 00
No. 2.	**1910** " " " "	244 hen egg size—200 " "	32 00
No. 3.	**1910** " " " "	390 hen egg size—300 " "	38 00
Farm Economy Incubator (110 hen eggs)			12 00
No. 1 Electrobator (for hatching by electricity), (72 hen eggs)			15 00

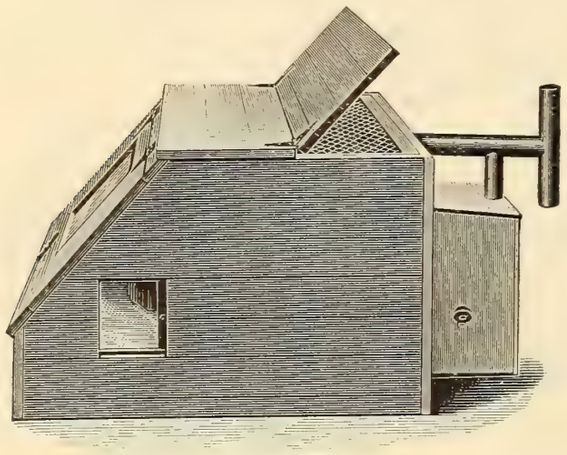
We are also Agents for CYPHERS POULTRY FOODS and SUPPLIES. Write Us for Catalogue.

Cyphers Unequalled Fire-Proofed Insurable Combination Brooders and Colony Coops for 1910

CYPHERS UNEQUALLED BROODERS possess the same advantages over other makes that are possessed by their 1910 Incubators, in that they are Fire-Proofed and Insurable. They have been severely tested by the National Board of Fire Underwriters; have come up to their requirements; and have, therefore, been passed by them; **they have been granted the first Insurance Inspection Label ever issued on a Brooder.** Experienced poultrymen know that it is more important that a brooder should be fire-proof than that an Incubator should be. The floor is covered with straw or other litter that easily catches fire. The machine is used outdoors and requires more heat to bring it to the proper temperature—a larger flame than an Incubator. These conditions made it much more difficult to comply with the Insurance Companies' requirements; but afte many years of effort and experimenting, the Cyphers Company has accomplished it; has complied with the new rules; has had its brooders inspected and passed; and in addition, **has constructed a better line of brooders than has ever before been placed upon the market.**



CYPHERS STYLE B 1910 OUTDOOR FIRE-PROOFED INSURABLE BROODER.
Three-apartment Combination Outdoor Brooder and Colony Roosting Coop. Equipped with Cyphers Standard Adaptable Hover. Formerly known as Style A. Price, $16.50.



CYPHERS STYLE D 1910 INDOOR BROODER
Same in all respects as Cyphers Style A 1910 Outdoor Brooder, except that upper half is designed specially for indoor use. Is equipped with Cyphers Standard Adaptable Hover. Price, $11.50.

CYPHERS 1910 BROODERS are all Self-Regulating and Self-Ventilating. The Outdoor Brooders are also usable as Colony Coops, by simply taking out the Hover, which is made removable for that purpose. **This double use of Brooder means a considerable saving of money.** It makes a safe and comfortable enclosure for the chicks at night, and saves the buying of a coop for them. These outdoor brooders can also be used indoors, although we have a special brooder for indoor purposes.

Like the Cyphers Incubators, we sell the Cyphers Brooders at factory prices F. O. B. Philadelphia.

CYPHERS STYLE A 1910 OUTDOOR (formerly known as Storm King), Self-Regulating, Self-Ventilating, Two-Apartment Combination Brooder and Colony Roosting Coop, equipped with Adaptable Hover complete and bearing Fire Underwriters' "Inspected Brooder" label $12 50

CYPHERS STYLE B 1910 OUTDOOR (formerly known as Style A), (see illustration above), Self-Regulating, Self-Ventilating, Three-Apartment Combination Brooder and Colony Roosting Coop, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label, 16 50

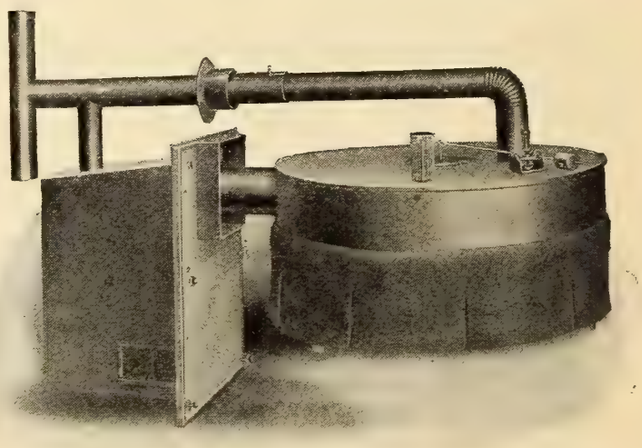
CYPHERS STYLE C 1910 OUTDOOR, Self-Regulating, Self-Ventilating, Three-Apartment Combination Brooder and Colony Roosting Coop, with Double-Wall and Double-Glass Insulation, equipped with Adaptable Hover complete and bearing "Inspected Brooder" label.. 18 50

CYPHERS STYLE D 1910 INDOOR, (see cut), Self-Regulating, Self-Ventilating Brooder, equipped with Adaptable Hover complete, bearing Fire Underwriters' "Inspected Brooder" label, 11 50

Cyphers Adaptable Hover

Constructed Entirely of Non-Combustible Materials. Fire-Proofed—Insurable—Self-Regulating—Self-Ventilating.

In addition to this splendid line of Brooders, we offer separately **Cyphers Adaptable Hover,** which also is used in each of the four styles of individual brooders manufactured by Cyphers Incubator Company. It is designed to be used anywhere where heat is required for brooding chicks. It can be used in the corner of a colony house, hen house, barn or other building with or without any additional enclosure for the chicks. It is especially recommended for use in long brooding houses—a separate adaptable Hover for each pen. Price, complete, $8.50.



CYPHERS ADAPTABLE HOVER. Price, $8.50

ABRIDGED LIST OF HIGH-GRADE

POULTRY FOODS AND MEDICINES

FOR COMPLETE LIST ASK FOR OUR POULTRY SUPPLY CATALOGUE. FOODS SUBJECT TO CHANGE WITH FLUCTUATIONS OF THE MARKET

CYPHERS POULTRY FOODS

GENUINE SEALED BAGS

	5 lb. Bag.	10 lb. Bag.	25 lb. Bag.	50 lb. Bag.	100 lb. Bag.
Cyphers Laying Food	$0 25	$0 40	$0 75	$1 40	$2 60
" Scratching Food	25	40	80	1 45	2 70
" Chick Food	25	45	90	1 60	2 90
" Forcing Food	25	40	80	1 40	2 50
" Developing Food	25	40	80	1 40	2 60
" Green Short Cut Alfalfa	25	40	75	1 40	2 50
" Shredded Alfalfa	25	40	75	1 25	2 25
" Mealed Alfalfa	25	40	80	1 40	2 50

" **Fullnest Egg Food.** Two lb. pkg., 25c.; pail, 25 lbs., $2.00.
" **Lice Powder.** 5-oz. pkg., 10c.; 15-oz. pkg., 25c.; 48-oz. box, 50c.; 100 ozs., $1.00.
" **Roup Remedy.** Small pkg., 25c.; medium, 50c.; large, $1.00.
" **Lice Liquid.** 1 qt. can, 35c.; 2 qt., 60c.; 1 gal., $1.00.

JOHNSON'S VIGOR FOODS

Are those of our own preparation, under our original formulas, and cannot be excelled

	5 lb. Bag.	10 lb. Bag.	25 lb. Bag.	50 lb. Bag.	100 lb. Bag.
Johnson's Vigor Ground Beef Scrap	$0 25	$0 45	$1 00	$1 75	$3 25
" Vigor Egg Food	25	40	80	1 45	2 50
" Vigor Scratch Food	20	35	75	1 25	2 40
" Vigor Pigeon Food	20	35	80	1 40	2 50
" Short Cut Clover Hay	20	30	65	1 10	2 15
" Mica Crystal Grit	10	20	30	45	85
" Crushed Oyster Shell	10	20	30	45	75

" **Vigor Egg Maker.** 2-lb. pkg., 25c.
" **Vigor Roup Remedy.** 25c. pkg. makes 25 gallons.
" **Lice Powder.** Pkg., 10c., 25c., 50c., $1.00.
Lee's Lice Liquid. 1 qt., 35c.; 2 qts., 60c.; 1 gal., $1.00.
Lambert's Death to Lice Powder. Pkg., 10c., 25c., 50c., $1.00.
Conkey's Roup Remedy. Pkg., 50c.; large pkg., $1.00.
Conkey's Cholera Remedy. Pkg., 50c. (One size only.)
Charcoal. Coarse, fine, medium, 2-lb. pkg., 10c.; 100 lbs., $2.50.
Tobacco Stems. Large bale, $1.50; 5 bales for $6.25.
Peas, Canada Field. For pigeons, about $2.00 per bushel.
Choice Red Wheat. Select quality. $1.55 per bushel.
Sunflower. Russian, 10c. per qt.; $1.70 per bushel.
Kaffir Corn. 10c. per qt.; about $1.40 per bushel.
Hemp, Russian. 10c. per qt.; about $1.70 per bushel.
Barley. Selected feeding, 10c. per qt.; $1.35 per bushel.
Cracked Corn. Sifted, extra, about $2.00 per 100 lbs.
Granulated Oats, or Grits. $4.50 per 100 lbs.

JOHNSON'S NEW POULTRY SUPPLY CATALOGUE IS COMPLETE AND FULL OF UP-TO-DATE SUGGESTIONS. We carry the largest stock in the East. If interested, write for it.

THOROUGHBRED SCOTCH COLLIES

THE MOST FAITHFUL, MOST INTELLIGENT, MOST USEFUL OF DOGS

The King of the canine race. They are the servants of the Shepherd and the Farmer, **par excellence** but if any one is in want of a faithful, intelligent, trustworthy servant and companion, let him get a Scotch Collie. There is hardly anything these dogs will not learn, and nothing they will not do. They are most loving and kind.

COLOR—We prefer sable and white, as we think they make the handsomest dogs, but we often have them black and tan and black and white.

BREEDING—Our stud dogs and breeding bitches are all pedigreed and registered in the American Kennel stud book, and in their veins runs the bluest of blue blood.

Price of puppies largely depends upon breeding and individual specimens. We can mostly supply males at $10.00 to $15.00 each, and females at $8.00 to $10.00 each; $17.00 to $25.00 per pair.

INSECTICIDES

Spray Your Fruit Trees They Need It

FOR SAN JOSE SCALE USE "TARGET BRAND" SCALE DESTROYER

This is composed of a non-penetrating oil combined with resin. It is thoroughly soluble in water, and will not separate, nor does it need to be agitated while spraying. It can even be mixed a day or two before being used, and allowed to be stored in the spray tank or other vessels without separation.

It is beyond a doubt the cheapest, easiest to prepare, and the most reliable spray for fruit orchards.

It coats the tree with a thin film, killing the scale by suffocation and not by penetration, as in the latter process the tree suffers. It can be used as a preventive as well as a cure.

Directions accompany each package.

Write for circular and testimonials.

Price, 1 qt., 35c.; ½ gal., 65c.; 1 gal., $1.00; 5 gals., $3.75; 10 gals., $7.50.

APHIS PUNK. A preparation of nicotine for killing insect life on plants and flowers without injuring blooms or foliage. 60c. per box of 12 rolls.

BORDEAUX MIXTURE. In liquid form. Ready for use by adding water. One gallon of mixture makes 50 gallons. Price, 1-quart can, 35c.; 1-gallon can, 90c.

COPPER SULPHATE. For early spraying and making **Bordeaux Mixture.** Lb., 10c.; 25 lbs., $2.25; 100 lbs., $7.50.

CARBOLIC SOAP. Price, 1-lb. cake, 10c.; or by mail, 25c.

FIR TREE OIL. Frees plants of nearly all insects to which they are subject; also a valuable remedy for animal parasites. Price, ½-pint tin, 40c.; pint, 65c.; qt., $1.25.

HELLEBORE, POWDERED WHITE. For the destruction of slugs, worms, caterpillars, etc. Price, 25c. per lb., or by mail, 35c.

SLUG SHOT. For bugs and blight. Especially good for potato bugs. 5-lb. pkg., 25c.; 100 lbs., $4.00

PARIS GREEN. A poisonous, insoluble powder for preventing the ravages of potato bugs, worms, caterpillars, etc. Price, per lb., 35c.; 5-lb. can, $1.60.

WHALE OIL SOAP. For washing trees and for insects on tender plants. 1-lb. box, 15c.; 5 lbs., 10c. per lb.

THE FAIRMOUNT WEED KILLER. For killing weeds in walks, drives, etc., (in liquid form). One-gallon pail makes 20 gallons treating liquid. One-gallon pail, $1.25.

LIME AND SULPHUR SOLUTION. For San Jose Scale. 1 qt. can, 35c.; 2 qt. can, 60c.; 1 gallon can, 90c.

PERSIAN INSECT POWDER. ¼ lb., 10c.; lb., 30c.

SULPHUR FOR MILDEW. Lb., 7c.; 5 lbs., 30c.; 25 lbs., $1.25.

ROSE LEAF EXTRACT OF TOBACCO. Pt., 25c.; qt., 50c.; gal., $1.25.

SULPHO TOBACCO SOAP. A universal insecticide. 10c. and 25c. per package.

SHOO FLY. Keeps the flies from horses and cattle. Per qt., 35c.; per gal., $1.00.

FLY DRIVER. For use on horses and cattle. 1 qt., 60c.; 2 qts., $1.00.

TOBACCO DUST. Pure ground tobacco (not ground stems). Per lb., 5c.; per 100 lbs., $2.50.

TOBACCO STEMS. Per bale of about 200 lbs., $1.50.

STERLINGWORTH WEED KILLER. A dry powder to be dissolved in water. May be applied with an ordinary watering can. Most satisfactory; completely destroys all weeds and objectionable vegetable growths. Prices: 1-lb. package, makes 15 gallons, 50c.; 3-lb. package, makes 45 gallons, $1.25; 5-lb. package, makes 75 gallons, $2.00.

FERTILIZERS

Write for Special Prices in Quantity

ASHES (Canada Unleached Hardwood). Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Apply about 1000 lbs. to the acre. Per 100 lbs., $1.50; bbl., $2.50

GROUND BONE. Animal bones furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants. Feeds the soil for fully ten months after application. 5-lb. bag, 25c.; 25 lbs., 75c.; 100 lbs., $2.00; sack of 200 lbs., $3.50.

BONE FLOUR. Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 30c.; 25 lbs., 90c.; 100 lbs., $2.75; bag of 200 lbs., $5.00.

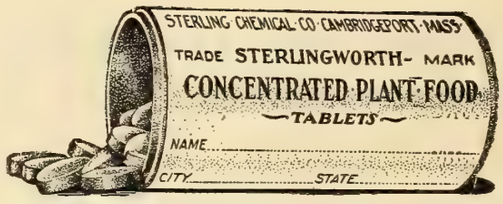
No. 1.—BONE PHOSPHATE. The leading ammoniated phosphate and the best for general purposes. In making new lawns or golf links this is the best fertilizer for immediate effect. 100 lbs., $1.75; 200-lb. bag, $2.75.

GILT-EDGED POTATO MANURE. Made expressly for white and sweet potatoes and tobacco. Keeps tubers clean and smooth. Per 200-lb. bag, $3.50.

KAINIT (German Potash Salt). Most useful for making "Commercial" fertilizers, or can be used alone. If used on lawns it should be spread during winter. 100 lbs., $1.25; 200 lbs., $2.00.

LAND PLASTER. 200-lb. bag, $1.50.

LAWN DRESSING (Odorless). A scientific food for lawns. Guaranteed. 10 lbs., 40c.; 25-lb. bag, $1.00; 50-lb. bag, $1.75; 100-lb. bag, $3 00.



STERLINGWORTH PLANT FOOD TABLETS. Contain nitrogen, ammonia, phosphoric acid and potash. **A new, scientific, odorless, concentrated fertilizer for potted plants.** If your house plants are not doing well they need these tablets. Trial size, 10c., postpaid; large size, 25c., postpaid.

POUDRETTE. Lb., 10c. (26c. by mail); 5 lbs., 20c.; 10 lbs., 35c.; 25 lbs., 60c.; 50 lbs., $1.00; 100 lbs., $1.50; 200-lb. sack, $2.50; 500 lbs., $5.00; 1,000 lbs., $8.00; ton, $15.00.

SALT (Agricultural). For top-dressing asparagus beds. 200 lbs., $1.50.

SHEEP MANURE (Pulverized). A pure natural manure and a most nutritious food for young plants. As a lawn top-dressing it is unequaled. 5-lb. package, 25c.; 10 lbs., 40c.; 50 lbs., $1.50; 100 lbs., $2.50.

TOBACCO STEMS. A fertilizer and insecticide combined. Bbl., $1.00; bale of about 200 lbs., $1.50.

Spray Your Trees—Save Your Orchards

THE CENTURY SPRAY PUMP. (DEMING.) Price, $13.00.

Save your trees by spraying in the spring and autumn, and counteract the ravages of the San Jose scale. Our special spraying circular will be mailed free on request. We carry a complete line of standard **Spray Pumps, Atomizers** and **Spraying Nozzles.**

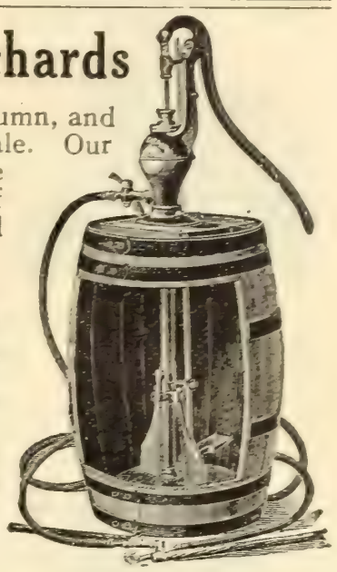
Popular Standard Spray Pumps

DEMING'S CENTURY BARREL SPRAY PUMP

A first-class pump in every respect. Has brass working parts throughout, large air chamber, agitator operated by lever, and 12½ feet hose. nozzle and pole holder. Price, without barrel, $13.00; barrel, $3.00 extra.

THE SIMPLEX BARREL SPRAY PUMP

Very popular. Has large air chamber, brass lined plunger, piston-rod brass cased, and solid brass plunger and valves, agitator and 12½ feet of hose. Price, without barrel, $10.00; with barrel, $3.00 extra.



THE SIMPLEX SPRAY PUMP. (DEMING.) Price, $10.00.

"PERFECT SUCCESS" BUCKET PUMP.

MYERS' BUCKET PUMP

Has brass chamber, foot rest and large air chamber. Very popular. Price, $3.00.

SUCCESS SPRAY PUMPS

Brass, large air chamber, Bordeaux nozzle and 3 feet of hose. Price, $4.25.

PERFECT SUCCESS BUCKET PUMP

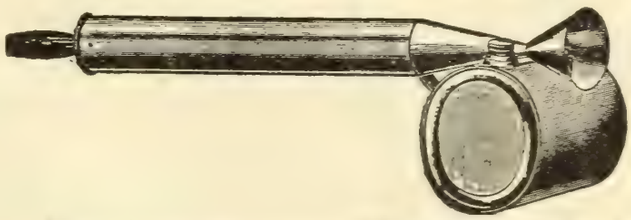
One of the best, has brass working parts, foot rest, and excellent for spraying, white-washing, extinguishing fires and disinfecting stables or poultry houses. Price, $4.75.

Empire King Pump

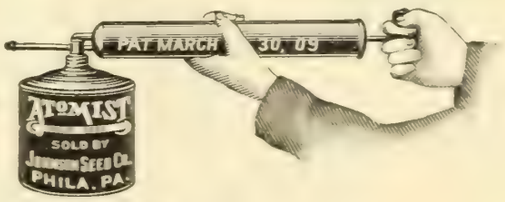
A Large and Powerful Pump

Has two nozzles, two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, $13.00; including barrel, set up, $16.00.

"Cyclone" Atomizer Sprayer

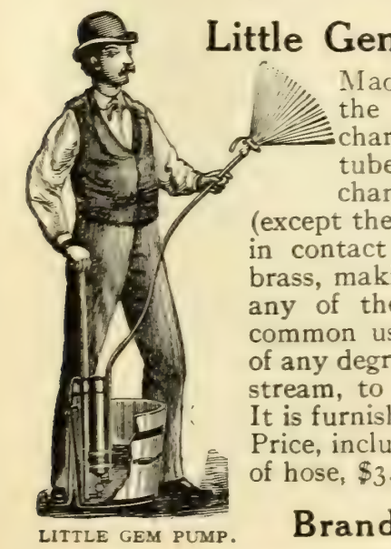


Made in tin and brass. Throws a spray as fine as mist. Is adapted for the destroying of every kind of insect. Very useful in spraying kerosene and lice killers in poultry houses; also in spraying potatoes with Paris-green water, and in gardens and vineyards. Price, tin, 50c.; brass, 75c.



Johnson's Automatic Compressed Air Sprayer

Makes a continuous spray. So little effort is required that a child can operate it and enjoy it. An ideal sprayer for ladies' use. Made in brass and tin. Tin, $1.00 each; brass, $2.00 each.



LITTLE GEM PUMP.

Little Gem Spray Pump

Made of brass, including the working parts, discharge and connecting tubes, plunger-rod and air chamber, so that all parts (except the rubber hose) that come in contact with the fluid are of brass, making it practical for using any of the spraying mixtures in common use. Will throw a spray of any degree of fineness, or a round stream, to a distance of fifty feet. It is furnished with a shut-off cock. Price, including nozzle and two feet of hose, $3.50.

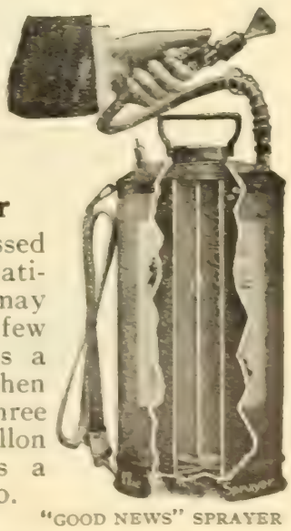
Brandt Compressed Air Sprayer

Used by all the large fruit growers for spraying. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 pounds. Brass tank and pump. Price, $6.25.

BRANDT COMPRESSED AIR SPRAYER.

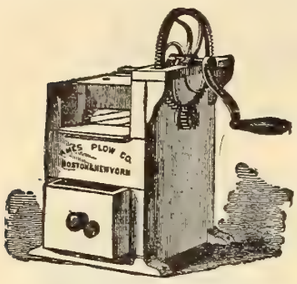
"Good News" Sprayer

A perfect brass compressed air sprayer, which works automatically from 6 to 15 minutes. It may be charged in 15 seconds by a few strokes of the plunger. It has a capacity of four gallons, and, when properly charged, contains three gallons of solution and one gallon of compressed air. Also has a Kant Klog nozzle. Price, $6.50.

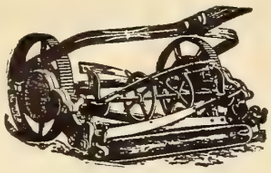


"GOOD NEWS" SPRAYER

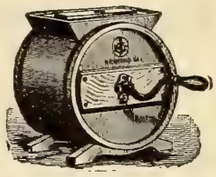
The above list can be depended on as the best Pumps and Sprayers on the market to-day.



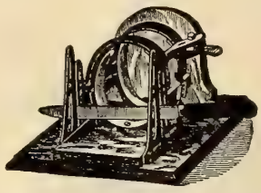
HORSERADISH GRATER.



LAWN MOWERS.

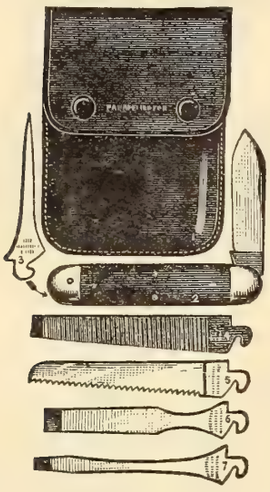


CYLINDER CHchurn.



ACME ASPARAGUS BUNCHER.

PRUNING KNIFE—STAG HANDLE.



NAPANOCH TOOL KIT.

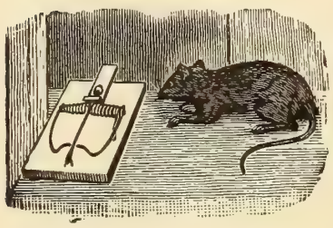
GARDEN REEL.

STEEL TROWEL.

TRANSPLANTING TROWEL.

DIBBLE, IRON HANDLE.

PERFECTION SHEARS.



"OUT O' SIGHT" RAT TRAP.

Garden Tools and Requisites

Asparagus Buncher, "Acme." The best, $2.00.

Asparagus Knife. Chisel-shaped, 25c.

Bee Hives, Root's, Bee Supplies. Send for special list.

Bone Cutters. For green and dry bone. Send for special list.

Churns. In assortment see page 87.

Cider Mills, "Buckeye." Junior, $12; medium, $16; Senior, $21.

Corn Planters. Automatic, hand, $1.50.

Corn Shellers, "Red Chief."
" "**Favorite, Jr.**" Strong and well made.

Corn Shellers, "Lightning." Two hole, $14.

Dibbles. For transplanting. Steel-pointed, wooden or iron handles, 40c., 50c,, 60c.

Drills Planet Jr. See third cover page.

Drill, Eureka Seed. For hot-bed use and small gardens, $1.

Egg Cases. See poultry supply catalogue. Free.

Feed Cookers. See poultry supply catalogue. Mailed free.

Floral Tools. 50c. to $1 per set.

Flower Pots. Write for special prices in large quantities. 2 inches, per dozen, 7c., per 100, 50c.; 3 inches, per dozen, 11c.; per 100, 88c.; 4 inches, per dozen, 18c.; per 100, $1.38; 5 inches, 32c.; per 100, $2.50; 6 inches, per dozen, 49c.; per 100, $3.75; 7 inches, per dozen, 78c.; per 100, $6.00.

Flower Pot Saucers and Bulb Pans. All sizes. Write for quotations.

Neponset Water-Proof Paper Flower Pots. Invaluable to the florist. (Send for special circular.) Prices: 2½-inch, per 1000, $2.50; 3-inch, per 1000, $4.50; 3½-inch, per 1000, $5.60; 4-inch, per 1000, $7.50.

Forks, Garden. In large assortment.

Garden Lines. 60 ft., 30c.; 90 ft., 60c.; 120 ft., 75c.

Garden Reels. Iron, small, 50c.; galvanized, single, $1.25; galvanized, double, $1.75.

Glazing Points, "Peerless." Per 1000, 60c.; 5000 lots, 55c. per 1000.

Harrows. See page 96 and third cover.

Hoes. In large variety.

Horse Hoes—Planet Jr., Iron Age. See page 96 and third cover.

Horseradish Graters. No. 1, $6; No. 2 (steel pin), $7; No. 3 (steel pin with legs and treadle), $11.

Hose. Rubber, garden, 8, 10 and 12c. per ft.

Hotbed Mats. Burlap, 40 x 76 in., $1.10; 76 x 76 in., $1.25. (Special price by the dozen.)

Hotbed Sash. Without glass, 3 x 6 ft., $1.25 each; with glass, $3 each.

Knives. Budding, 20 cts. to $1; corn, 50 cts., potato, concaved and curved, 30 cts.; pruning, 75 cts. to $1; edging, American, 50 cts.; English, $1.25,

Labels. For pots, painted, 3½ in., 70c. per 1000; 4-in., 80c. per 1000; 4½ in., 85c. per 1000; 5-in., $1 per 1000; 6-in., $1.50 per 1000; 10-in., $4.50 per 1000.

Labels. For trees, notched, 50 cts. per 1000 iron-wired, $1 per 1000; copper-wired, $1.25 per 1000.

Lawn Mowers. Ask for prices.

Lawn-Sprinklers. In variety, 75c. to $3.50.

Mastica. For glazing greenhouses. Per ½ gal. 65c; per gal. $1.25.

Mastica Machines. For applying mastica, $1.25 each.

Plant Bed Cloth, Light. 8c. per yard; piece of 68 yards, 7c. per yard; **medium,** 10c. per yard; piece of 60 yards, 9c. per yard; **Heavy,** 13c. per yard; piece of 40 yards, 12c. per yard. Samples on application.

Poultry Supplies. Full and complete stock. See pages 87, 88, 89, this catalogue, and send for our special catalogue.

Presses. Wine and berry. No. 1, $3; No. 2, $3.75; No. 3, $6.

Pruner. Water's Improved Tree, 4 ft., 75c.; 6 ft., 85c.; 8 ft., $1; 10 ft., $1.15; 12 ft., $1.25.

Pumps. See page 93.

Rakes. All styles, sizes and prices, 30c. to $1.

Raphia. For tying asparagus, etc. Per lb., 15c.; 10 lbs., $1.25; 100 lbs., $11. Special price by the bale.

Roofing Materials. See poultry supply catalogue.

Saws. Pruning, 16-in., 75 cts.; 18-in., 90 cts., 20-in., $1.10.

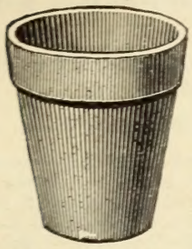
Scissors. Grape thinning, English, $1; Fruit and Flower Gatherers, hold after cutting, American, 25 cts.; imported, $1.

Scythes. American, $1; American, brush, 90 cts.; English, lawn, riveted back, $1.25.

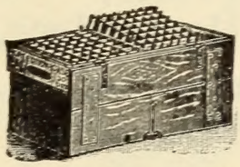
Seed Sowers.

Cahoon. Broadcast, easily regulated, $3.25.

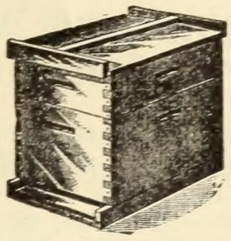
Cyclone. Sows all kinds of grain and grass seed perfectly. The best cheap sower, price, $1.50.



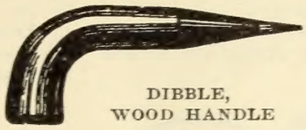
FLOWER POTS.



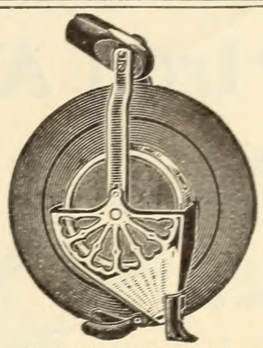
EGG CASES
"HUMPTY DUMPTY."



BEE HIVES.



DIBBLE,
WOOD HANDLE



EUREKA SEED DRILL.

Shears. Hedge, $1.50; Grass Border, $2; with wheel, $2.50; Pruning, "Perfect," No. 7, $1,75; No. 8, $2; Lopping, long-handled, 75c; Tree Pruning, 6 ft., 85c.; 8 ft., $1; 10 ft., $1.15; Sheep, for grass, 50c. and 75c.

Shovels. In variety. 85 cts. to $1.50.

Sickles, or Grass Hooks. American, 25 cts.; English, riveted back, 50c.

Sieves. 18-in., any mesh, 60 cts.; 20-in., any mesh, 75 cts.

Spades. In variety. 85 cts. to $1.50.

Sprayers. See page 93.

Thermometers. Tin, japanned, 15 cts,; glass floating for dairy, 15c. and 25c.; hot-bed or mushroom, $1.50; incubator 50c.; self-register, 2.50. See also page 94.

Tool Kit Napanoch. A good friend and handy article to have in case of accident. Price, $2.

Trowels. Stamped steel, 10c., 15c. and 20c.; Solid steel, 35c., 40c. and 50c.

Trowel. Transplanting, 35c.

Traps, "Olmsted" (Mole.) The best, $1.50. **"Out-o'-Sight"** (Rat), 15c. each; $1.25 per dozen. **"Out-o'-Sight"** (Mouse). 10c. each; 25c. for 3; 85c. per dozen.

Twines. Cotton, 25c. lb.; jute, 18c. lb.; flax, 30c. lb.

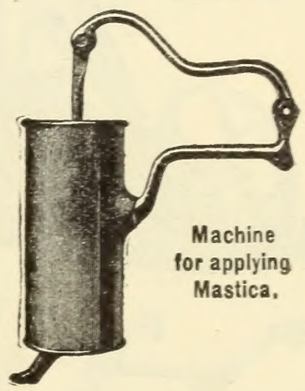
Watering Pots. Galvanized, short spout, 4-qt., 40c.; 6-qt., 50c.; 8-qt., 65c.; 10-qt., 85c.; 12-qt., $1; 16-qt., $1.50. **Tin, painted green,** 1-qt., 20c.; 2-qt., 25c.; 4-qt., 35c.; 6-qt., 45c.; 8-qt., 60c.; 10-qt., 75c.

Watering Pots. Heavy Galvanized Long Spout. 4-qt., $1.50; 6-qt., $1.75; 8-qt., $2; 10-qt., $2.25; 12-qt., $2.60.

Water Barrel and Truck. 1½-in. wheels, $9.25; 2½-in. wheels, $10; 3½-in. wheels, $10.75; Large Box to fit on truck, $3.

Weeders, "Excelsior," 10c. **Three-Prong,** 15c. **"Laing's,"** 25c. **"Cleveland,"** lawn, 50c.

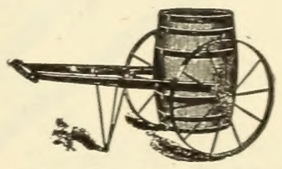
Wheelbarrows. Wide tread, No. 3, $3.50; No. 4, $4; No. 5, $4.50.



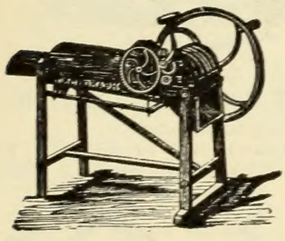
We carry many TOOLS AND REQUISITES not listed here. When in Philadelphia, CALL at 217 Market St. AND INSPECT OUR STOCK.

MARKET GARDENERS' NECESSITIES

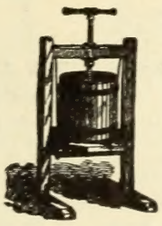
Our stock of these is up-to-date and complete. Write us about your needs, or send for special catalogue.



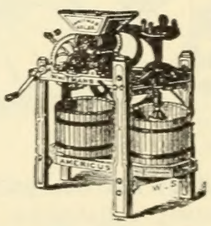
WATER BARREL AND TRUCK.



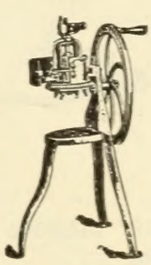
TELEGRAPH HAY CUTTER.



WINE AND BERRY PRESS.

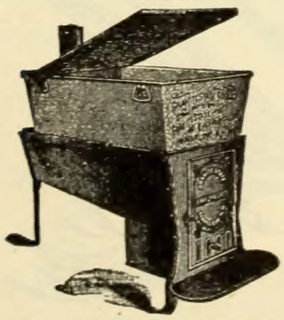


BUCKEYE CIDER MILL.

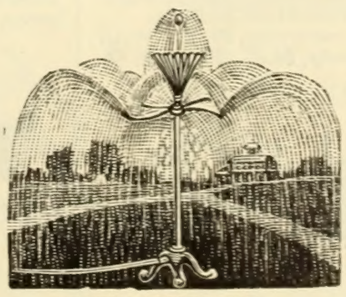


GREEN BONE CUTTERS.

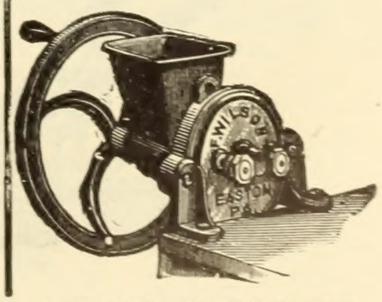
EXCELSIOR WEEDER.



RELIABLE FEED COOKER.



LAWN SPRINKLER.



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"Iron Age" Drills, Wheel Hoes, Cultivators, Horse Hoes, Etc.

Complete "IRON AGE" Catalogue, fully illustrating all these tools, sent free

No. 6 "IRON AGE" COMBINED DOUBLE WHEEL HOE, HILL AND DRILL SEEDER

Price, complete, $12.00. One of the best implements made. Ten tools in one. Sows in rows or drops in hills at 4, 6, 8, 12 or 24 inches apart. Quickly changed into a Double or Single Wheel Hoe, as No. 1 opposite. Does each and every operation in the most satisfactory manner.

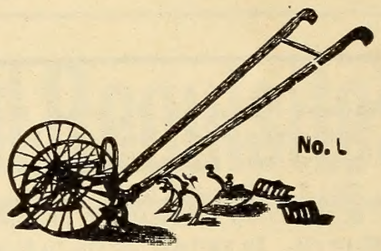
No. 6

As a Hill and Drill Seeder only (No. 7). Price, $9.00.

No. 1 "IRON AGE" DOUBLE OR SINGLE WHEEL HOE

Price, complete, $7.00.

Is equipped with side hoes and plows, slender steel cultivator teeth and a pair of rakes; simplest, strongest and most practical tool of its kind. As a No. 3 (side hoes only), $4.25.



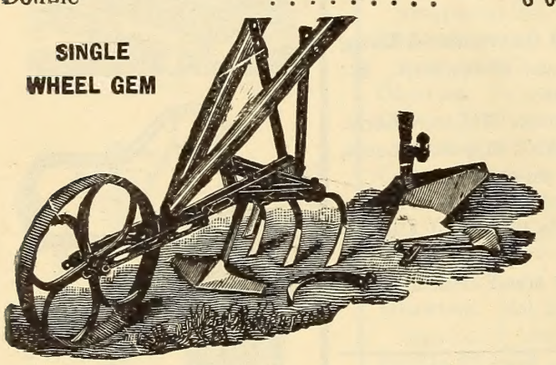
No. 1

THE GEM OF THE GARDEN WHEEL HOE

Popular for its intrinsic worth.

Single Wheel Hoe . . . . . Price, $5 00
Double " " . . . . . " 6 00

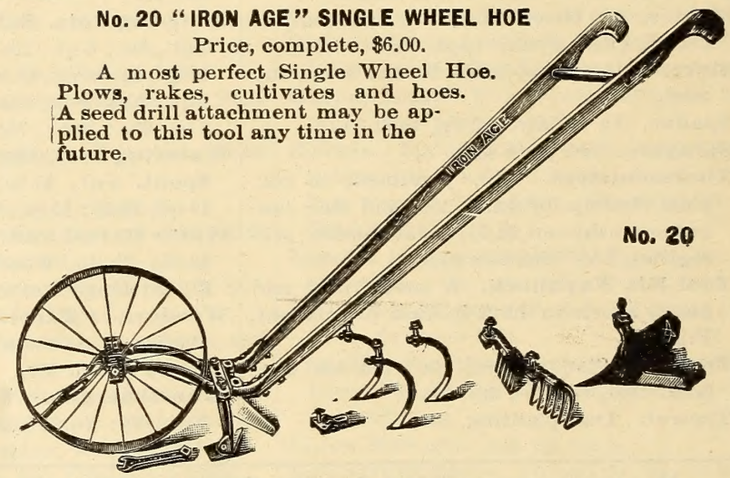
SINGLE WHEEL GEM



No. 20 "IRON AGE" SINGLE WHEEL HOE

Price, complete, $6.00.

A most perfect Single Wheel Hoe. Plows, rakes, cultivates and hoes. A seed drill attachment may be applied to this tool any time in the future.



No. 20

No. 12 "IRON AGE" WHEEL PLOW AND CULTIVATOR

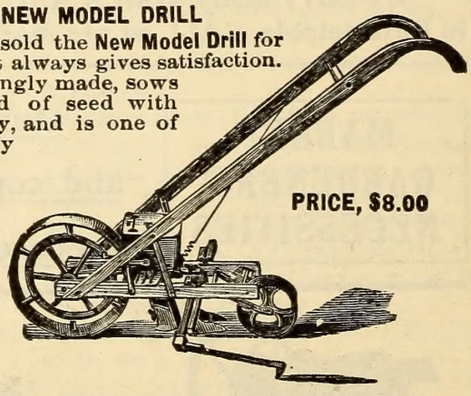
Notably for lightness, strength, low price and variety of satisfactory work it will accomplish. Can be used as a plow, hoe, cultivator or rake.
Price, $3.50. As wheel plow only. No. 11. Price, $2.50.

No. 12

NEW MODEL DRILL

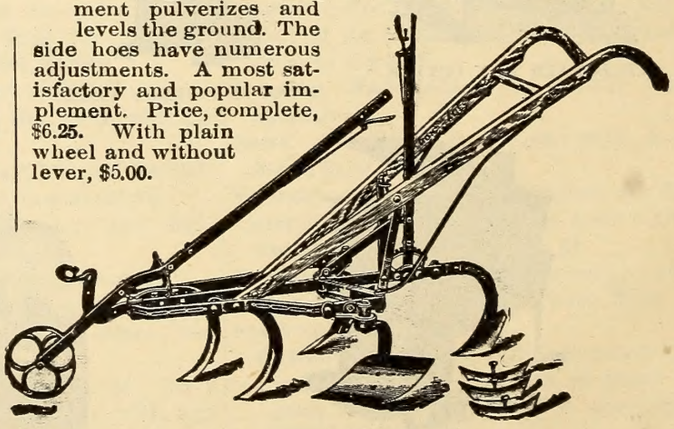
We have sold the **New Model Drill** for years; it always gives satisfaction. It is strongly made, sows any kind of seed with regularity, and is one of the steady reliables.

PRICE, $8.00



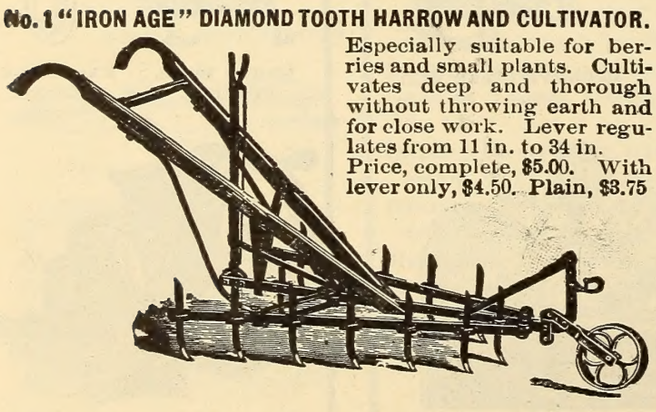
No. 6 "IRON AGE" HORSE HOE AND CULTIVATOR

Remarkable for great adjustability. With lever is expanded from 11 in. to 30 in. The wheel regulates the depth. The furrow-closing attachment pulverizes and levels the ground. The side hoes have numerous adjustments. A most satisfactory and popular implement. Price, complete, $6.25. With plain wheel and without lever, $5.00.



No. 1 "IRON AGE" DIAMOND TOOTH HARROW AND CULTIVATOR.

Especially suitable for berries and small plants. Cultivates deep and thorough without throwing earth and for close work. Lever regulates from 11 in. to 34 in. Price, complete, $5.00. With lever only, $4.50. Plain, $3.75



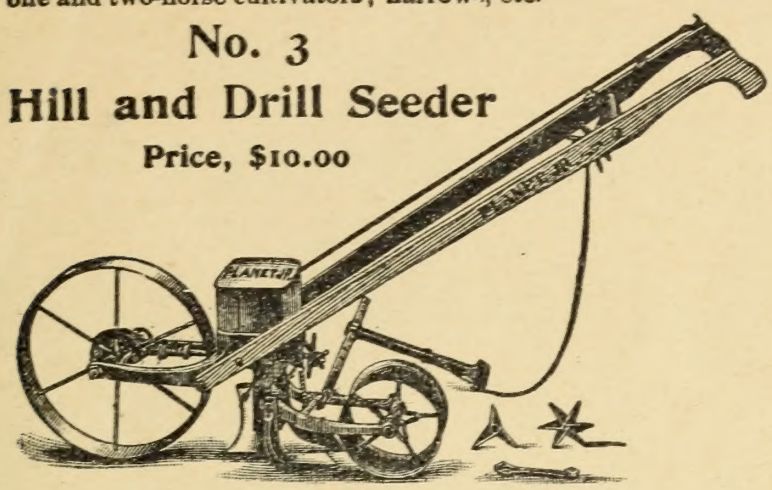
PRESS OF EDW. STERN & CO., INC., PHILA

PLANET JR. FARM AND GARDEN TOOLS

Planet Jr. Tools enable you to do two days' work in one, easier, cheaper, better, with less fatigue. They pay for themselves in a season. Write to-day for a free copy of the **1910 Planet Jr. Catalogue,** a finely illustrated, instructive handbook. Describes entire Planet Jr. line, including seeders; wheel hoes; hand, one and two-horse cultivators; harrows, etc.

No. 3
Hill and Drill Seeder

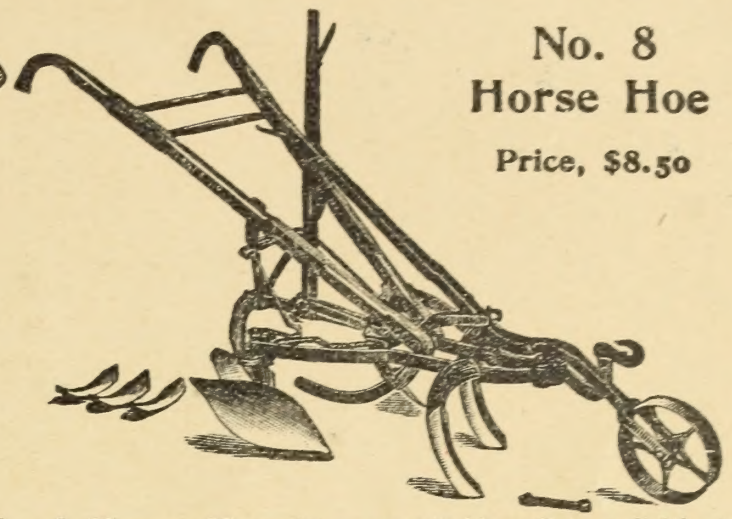
Price, $10.00



Planting in rows and thinning afterwards is a terrible time-waster. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in a continuous row as desired. Changed in a moment. Holds 3 quarts. The most accurate drill made, and guaranteed satisfactory.

No. 8
Horse Hoe

Price, $8.50



No. 8 Horse Hoe is a remarkably efficient Cultivator and Hoe, meeting perfectly the many needs for which it is intended. Extra high, stiff steel frame, with interchangeable non-clogging self-polishing standards. Closes to 9 and opens to 25 inches. Patent depth regulators; adjustable handles; reversible hoes, and many other exclusive features.

No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

Price, complete, $10.50

As a Drill only $8.50

With a No. 4 Combined Drill you will have a better garden with much less work.

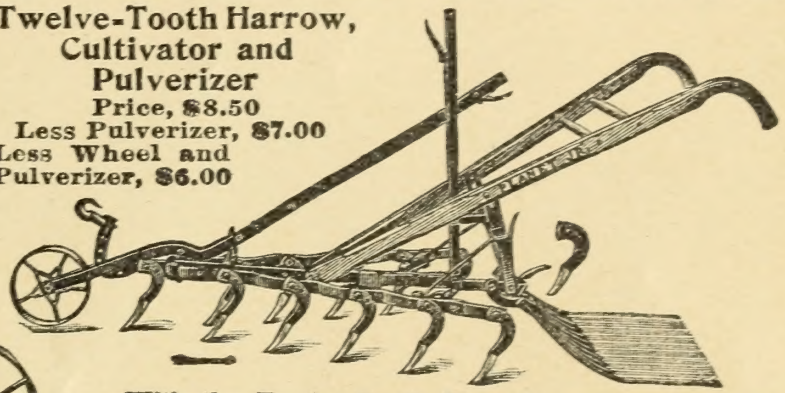
The Drill is the same as the No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

Twelve-Tooth Harrow, Cultivator and Pulverizer

Price, $8.50

Less Pulverizer, $7.00

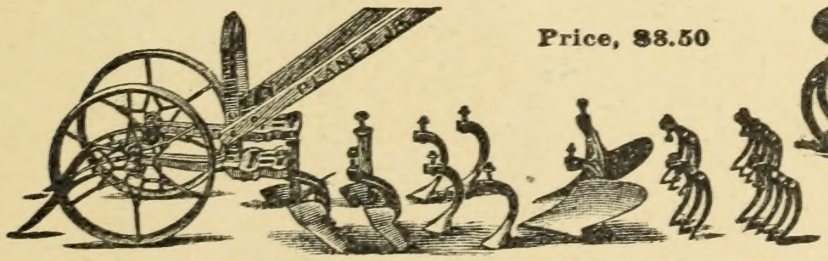
Less Wheel and Pulverizer, $6.00



With the Twelve-Tooth Harrow you go deep or shallow, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it. It's a special favorite with strawberry growers, market gardeners and truckers.

No. 11 Double Wheel Hoe

Price, $8.50

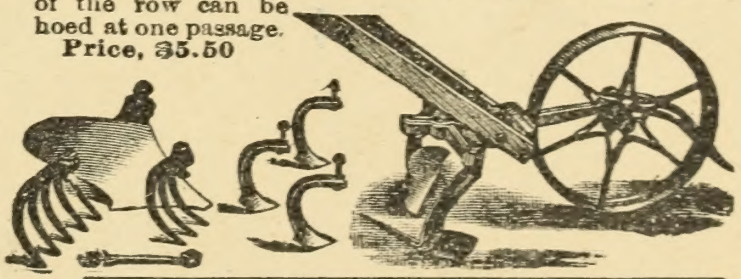


This Wheel Hoe is a famous labor-saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with ease and quickness. The wheels can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut. Nothing like it for onion growers.

No. 16 SINGLE WHEEL HOE

A light, inexpensive and extremely efficient tool. Frame and handles are adjustable, and wheels can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

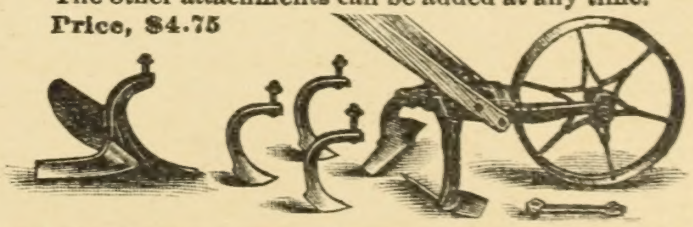
Price, $5.50



No. 17 SINGLE WHEEL HOE

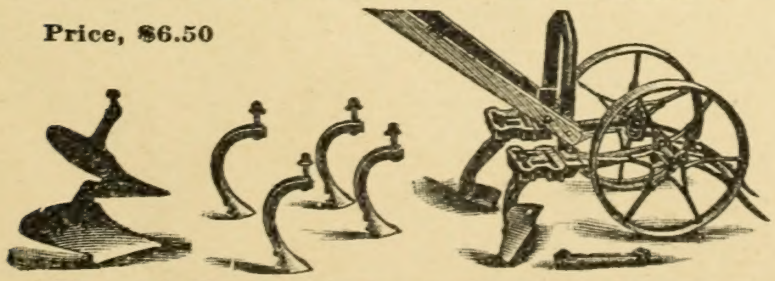
This tool is identical with No. 16, but has only a pair of 6-inch hoes, a plow, and a set of cultivator teeth—an outfit sufficient for most garden work. The other attachments can be added at any time.

Price, $4.75



PLANET JR. No. 12 Double Wheel Hoe

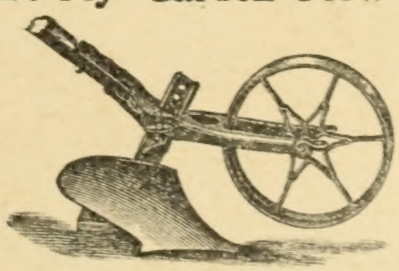
Price, $6.50



This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at a correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted.

Fire-Fly Garden Plow

Price, $2.25.



Invaluable for use in small gardens. Moldboard of tempered and polished steel. The depth is easily and quickly changed.

Very useful to plow up chicken yards.

JOHNSON SEED COMPANY

PHILA, PA.

JOHNSON'S
VERY
EARLIEST
RADISH
PKT. 10C
OZ. 15C
¼ LB. 50C
LB. $1.50

JOHNSON'S
VERY EARLIEST
EARLIEST AND
HARDIEST OF ALL
CABBAGES
PKT. 15C; OZ. 35C
4 OZS. $1.00; LB. $3.50

JOHNSON'S
JACK ROSE
THE EARLIEST
GOOD TOMATO
PKT. 20C; OZ. 50C
4 OZ. $1.50
LB. $5.00

A SPECIAL OFFER

WE WILL MAIL 1 LARGE PACKET EACH OF OUR THREE EARLIEST VEGETABLES ILLUSTRATED ABOVE IN NATURAL COLORS AND ALSO JOHNSON'S HOLYROOD HOT WEATHER LETTUCE SHOWN ON FRONT FOR ONLY 40C.

JOHNSON'S THREE EARLIEST VEGETABLES